

NEXUS

NEW TIMES MAGAZINE

Volume 3, Number 1 DECEMBER 1995 - JANUARY 1996

PO Box 30, Mapleton Qld 4560, Australia

CONTENTS

LETTERS TO THE EDITOR.....	4	NEW SCIENCE NEWS.....	53
GLOBAL NEWS.....	6	<i>A selection of interesting news and views from the underground science network. This issue we feature the Hendershot Fuelless Motor.</i>	
<i>A round-up of the news you probably did not see.</i>		THE STONE DISCS OF BAIAN-KARA-ULA.....	59
THE BILDERBERG GROUP.....	11	<i>By Filip Coppens. Found in a cave in remote China, these 'humming' discs purportedly relate the demise of an extraterrestrial visit 12,000 years ago.</i>	
<i>By Armen Victorian. With its members from the elite of Europe and North America, the Bilderbergers have had an invisible global influence since the 1950s.</i>		THE TWILIGHT ZONE.....	65
HAARP: VANDALISM IN THE SKY.....	17	<i>A collection of strange stories from around (and off) the world. This issue, UFOs in the Middle East.</i>	
<i>By Dr Nick Begich and Jeane Manning. The HAARP transmitter in Alaska may irrevocably damage the ionosphere and seriously disrupt the mental and physical health of entire populations.</i>		REVIEWS—Products.....	71
SONIC BLOOM: A GROWING SUCCESS STORY.....	25	<i>"The Rave Man" from Vibrance</i>	
<i>By Stephen Jones. Growers who switch to Sonic Bloom, the plant treatment using sound waves and foliar nutrient spray, achieve record, high-quality yields. Could it eliminate world hunger?</i>		REVIEWS—Books.....	71
BITTER TRUTH ON ARTIFICIAL SWEETENERS.....	31	<i>"The Paradise Conspiracy" by Ian Wishart</i>	
<i>By Mark D. Gold. Part 2 of our disturbing exposé of the dangers of aspartame—and the vested interests who'd prefer the public didn't know.</i>		<i>"Angels Don't Play This HAARP" by Nick Begich & Jeane Manning</i>	
THE HEALTH BENEFITS OF RED WINE—Part 1.....	37	<i>"Carl Sagan and Immanuel Velikovsky" by Charles Ginenthal</i>	
<i>By Bert Schwitters. Abundant in the grape seeds and skins crushed for red wine-making, OPC is nature's most powerful antioxidant, with proven health and anti-ageing benefits.</i>		<i>"The Cure For All Diseases" by Hulda Regehr Clark, Ph.D., N.D.</i>	
THE HEALTH HAZARDS OF POWER LINES.....	43	<i>"When the Sky Fell: In Search of Atlantis" by Rand & Rose Flem-Ath</i>	
<i>By Kim Besly. A growing body of evidence shows that high-voltage power lines are hazardous to human and animal health, yet government authorities and utilities downplay or deny the risks.</i>		<i>"Mysterious Australia" by Rex Gilroy</i>	
EXPERIMENTS WITH AURAS.....	47	<i>"Upcoming Changes" by Joya Pope</i>	
<i>By Dr Chiang Kanzhen. New research shows that DNA may be only half the transmitter of genetic information—the other half being the human bioelectromagnetic field, or aura.</i>		<i>"The Obedience of Australia" by Peter Jones</i>	
		<i>"Your Body's Many Cries For Water" by F. Batmanghelidj, M.D.</i>	
		<i>"Millennium Prophecies" by A. T. Mann</i>	
		<i>"Dead Men Can't Talk" by Alexander Niles</i>	
		<i>"In Secret Mongolia" by Henning Haslund</i>	
		<i>"Bad Medicine" by John Archer</i>	
		<i>"The Jesus Conspiracy" by Holger Kersten & Elmar R. Gruber</i>	
		<i>"Nostradamus: The New Revelations" by John Hogue</i>	
		<i>"Vegetarian Baby & Child" by Petra Jackson</i>	
		REVIEWS—Videos.....	77
		<i>"The Hemp Revolution" directed by Anthony Clarke</i>	
		<i>"Medical Miracles" with Dr Sam Chachoua</i>	
		REVIEWS—Audio.....	78
		<i>"Wetland" by Shaun Rigney</i>	
		<i>"Bloodwood" by Alan Dargin with Michael Atherton</i>	
		<i>"Where There Is Life" by Luciano</i>	
		<i>"Music of the Angels" by Gerald Jay Markoe</i>	
		<i>"Beggars and Saints" by Jai Uttal & the Pagan Love Orchestra</i>	
		<i>"Lovesong" by Tony O'Connor</i>	
		<i>"A Healing & Replenishment..." by The Galactic Troubleshooter</i>	
		<i>"Mermaids in the Well" by Kavisha Mazzella</i>	
		<i>"Vida Para Vida" by Oliver Serano-Alve</i>	
		NEXUS BOOKS, SUBS, ADS & VIDEOS.....	91

NEXUS NEW TIMES

Volume 3, Number 1

DECEMBER 1995 - JANUARY 1996

PUBLISHED BY

Pyoquip Pty Ltd, ACN #003 611 434

EDITOR

Duncan M. Roads

ASSISTANT EDITORS

Ruth Parnell
Catherine Simons

EDITORS' ASSISTANT

Richard Giles

OFFICE ASSISTANT

Janine Carmichael

CONTRIBUTORS

Armen Victorian
Dr Nick Begich
Jeane Manning
Stephen Jones
Mark D. Gold
Bert Schwitters
Kim Besly
Dr Chiang Kanzhen
Mark Hendershot
Filip Coppens

STATEMENT OF PURPOSE

NEXUS recognises that humanity is undergoing a massive transformation. With this in mind, NEXUS seeks to provide 'hard-to-get' information so as to assist people through these changes. NEXUS is not linked to any religious, philosophical or political ideology or organisation.

LAYOUT & DESIGN

Duncan M. Roads

CARTOONS

Phil Somerville

COVER GRAPHIC

Elie Schuster/The Image Bank

PRINTING

Warwick Daily News, Queensland, Australia

AUSTRALIAN DISTRIBUTION

Newsagents Direct Distribution

NEW ZEALAND DISTRIBUTION

Network Distribution

HEAD OFFICE - All Correspondence

PO Box 30, Mapleton, Qld 4560, Australia
Ph: +61 (07) 5442 9280; Fax: +61 (07) 5442 9381
e-mail address: nexus@peg.apc.org
NEXUS OnLine! BBS: (07) 5442 9543
<http://www.peg.apc.org/~nexus/>

USA OFFICE

PO Box 177, Kempton, IL 60946-0177, USA
Ph: +1 (815) 253 6464; Fax: +1 (815) 253 6300
NEXUS OnLine! BBS: (815)-253 6474

UK OFFICE

55 Queens Rd, E. Grinstead, W. Sussex RH19 1BG
Ph: +44 (1342) 32 2854; Fax: +44 (1342) 32 4574

EUROPE OFFICE

PO Box 372, 8250 AJ Dronten, The Netherlands
Ph: +31 (3210) 80558; Fax +31 (3210) 18892

Editorial

It's that time again: the silly season! It seems just yesterday that I was penning the editorial for last year's Christmas issue. What a year it has been!

First up, I would like to welcome all our new readers from the UK and Europe. This is the first edition to be substantially distributed into mainstream magazine outlets.

Our more observant, regular readers will have noticed that this issue is thicker than our usual edition. Australasian readers will have a 96-page issue in their hot little hands, while US and UK readers will only have an 80- or 88-page edition. (I'm not sure exactly which will have what at this stage of writing.) Don't be alarmed, though: the page quantities represent nothing except a difference in the number of advertisements in each edition. The articles, editorial, news and reviews are identical; only the ads are different.

Next, I would like to draw your attention to two upcoming NEXUS events: the Michael Hesemann UFO lecture tour in January '96 (see ad on page 23), and the NEXUS Conference in May 1996 (see ad on page 10). In fact, there will probably also be a NEXUS Conference in Auckland, either the weekend before or after. Stay tuned for more details.

Speaking of staying tuned, we've got our web page up at last (our address is <http://www.peg.apc.org/~nexus/>). For those readers who are still computer-free zones, this means that we have a permanent, visual 'page' of information on the world wide web section of the Internet. (Actually, it's far more than one page, hence the delay in getting it organised.) You will see that, at the end of many Global News and Twilight Zone items, more and more of our information is being delivered to us via the Internet.

The Editorial page is where I not only get the opportunity to aggrandise, but also where I sometimes have to apologise. This issue, I have to apologise for not including Part 3 of our "Mysteries of the Moon" series. For reasons that I don't have the space to explain right now, it will appear in our February-March 1996 edition instead. I am sorry.

We have made one other radical change to the magazine. This issue is numbered Volume 3, Number 1. When we took over NEXUS several years ago, we changed the numbering system from Number 1, Number 2, Number 3, etc., to Volume 2, Number 1, Volume 2, Number 2, etc. For some vague reason, we left it until now to change it. Why, you ask? Well, our new UK distributors want a nice, clean, uncomplicated cover number and volume so that UK shopkeepers won't get confused!

You are now probably asking if we're going to change the volume number at the end of every year. Well, I don't know yet, although I know that the libraries will take us aboard if we 'conform' to this standard.

That's it for this year—so, until 1996, best wishes!

Duncan

WARRANTY AND INDEMNITY

Advertisers upon and by lodging material with the Publisher for publication or authorising or approving of the publication of any material INDEMNIFY the Publisher and its servants and agents against all liability claims or proceedings whatsoever arising from the publication and without limiting the generality of the foregoing to indemnify each of them in relation to defamation, slander of title, breach of copyright, infringement of trademarks or names of publication titles, unfair competition or trade practices, royalties or violation of rights or privacy AND WARRANT that the material complies with all relevant laws and regulations and that its publication will not give rise to any rights against or liabilities in the Publisher, its servants or agents and in particular that nothing therein is capable of being misleading or deceptive or otherwise in breach of the Part V of the Trade Practices Act 1974. All expressions of opinion are published on the basis that they are not to be regarded as expressing the opinion of the Publisher or its servants or agents. Editorial advice is not specific and readers are advised to seek professional help for individual problems.

© NEXUS New Times 1995/1996

Letters to the Editor ...

Re: Cancer Remission

Dear Editor: The purpose of my trip to Australia was to attend the Cancer Congress which was held in Sydney September 15-18. I was delighted to attend, since my physician, Dr Sam Chachoua, delivered a presentation of his Induced Remission Therapy.

In 1991 and 1992 I had breast cancer surgery, chemotherapy, as well as radiation therapy, which was devastating and made me very ill. This program concluded in August 1992. In May 1995, I learned that the breast cancer had metastasised to the lung.

On June 1, 1995, I started Dr Chachoua's treatment. By July 5, 1995—I must stress that in just five short weeks—the lung cancer was totally gone, the breast cancer was reduced by approximately 45% and I am now in remission. My deepest gratitude to Dr Chachoua.

It is my understanding that Induced Remission Therapy works by making a disease that the body can't fight effectively such as cancer, AIDS, arthritis, etc., appear to be a disease that we can easily fight (example: cold, flu, bacterial infection). This is done by use of specific sterile extracts of harmless organisms that the body can readily recognise and eliminate. These extracts are made to attach only to diseased cells such as cancer cells. In a nutshell, we can't fight cancers easily but we can eliminate bacterial infections, colds, flu, etc. within a few days, so if we make the cancer look like a cold or a flu by sticking sterile extracts of cold and flu bugs all around it, the body now sees it as something it can easily attack, and remarkable shrinkage can occur within days to weeks. I am living proof of that.

Cases were presented of cancer, AIDS and other diseases where the use of tagging was combined with the use of resistant organisms and organ extracts. Hard evidence of efficacy was shown, and healed patients, amongst which I was one, also gave their inspiring stories.

Dr Chachoua simply wishes that the treatment become known, accepted and available to all who need it, and he has called upon any accredited university or medical institute to evaluate the procedure.

Regards,

Cynthia M., California, USA.

Re: Australia Sold Out

Dear Editor: Having been born in Australia in 1960, I can remember a friendlier, ethical and more stable

society. Ah, memories! I recall watching the last and tearful news programme of Victoria's Sir Eric Pearce, and the moon landing which heralded the coming of an allegedly advanced world. I am old enough to know what tariffs are, and recall times when factory walls advertised jobs, and children weren't born to become unemployment statistics. Back in those days, banks treated everyone with respect. Australians controlled Australia.

Recent months have seen an explosion in foreign sales of Australian-owned companies. The ALP, Coalition and Democrats have allowed company after company to fall to absentee landlords. Under archaic 'economic rationalist' policies espoused by Adam Smith in 1776, Qantas, National Mutual, Edgell-Birdseye, Petersville, Herbert Adams and United Energy (Vic.) have 'gone'. Meanwhile, BTR Nylex and Zurich Insurance have been fully bought out by overseas parents. Politicians even allowed National Mutual to go to the French!

In the rush to push Australia into Fourth World poverty, existing Australian-owned companies are squeezed out of markets by enormous foreign corporations. Our businesses are taken over, job losses follow, profits leave the country and our foreign debt soars. So the cycle continues.

Together, we must stand up and declare, "Enough is enough!"

Yours sincerely,

Paul T.,

New Australia Movement, PO Box 270, Northcote, Vic. 3070, Australia.

Re: Sick Medical System

Dear Duncan: The figures quoted in your Aug-Sept '95 Global News report of 14,000 people dying unnecessarily and 25,000 to 30,000 suffering serious disability in Australian hospitals from preventable mistakes—atrocious as it is, is still grossly undercalculated.

Firstly, the study was conducted by medical professionals who are already so well-indoctrinated by the drug companies and medical establishment they could in no way be impartial or objective as to what constitutes damaging medical treatments or accidental deaths. (Your previous articles on vaccination side-effects confirmed this clearly.)

Secondly, I read with interest in *The Bulletin* (13 June '95) that the

files of 445 of the 14,179 cases studied mysteriously went missing!

The more worldly-wise among us know what that really means. We can safely assume most of these files would have been culled by the hospitals concerned because they were too embarrassing to see the light of an official enquiry. (This is the reason why our medical records are normally kept secret from us anyway.)

Extrapolating these 445 missing files out to the 2.83 million yearly hospital admissions in Australia represents around 9,000 cases that can presumably be placed in the dead or severe permanent disability basket!

Their study clearly confirmed anyway the still-suppressed, little-known truth that you have to be an absolute idiot to trust a doctor's opinion about anything. The sad truth is that the much-trusted doctor and medical establishment are actually in business to make people sicker—not to make them well! For this is where the really big money is to be made these days by the doctors and drug companies. It is in all the return visits people have to make after they deliberately misdiagnose and mistreat them!

Health is the last thing they would want anyone to feel as it is so bad for business and profits. This is why they work so hard to ban or suppress any proven, safe, effective natural therapies, so people have no choice but to go back to them to be made sicker—or possibly even killed!

Welcome to the wicked world of big business!

Regards,

Jack B., Cairns, Qld, Australia.

Re: Cancer Conspiracy

Dear Duncan: We have spent the last few days at the Second World Congress on Cancer, where we again were one of the exhibitors. I guess that you have already heard about the media ban on anything to do with this conference, but I thought you would be interested in a few of the details.

Organiser Jennie Burke has spent the last three months attempting to publicise this event and had sent invitations to every oncologist registered in Australia. She had three replies.

Several journalists with Sydney newspapers had prepared stories, only to have their editors pull the stories at the last minute. The *Today Tonight* show interviewed

Sir William Keys, member of ICAN, but the segment was not screened in NSW!

The Sydney Morning Herald, The Australian and The Telegraph-Mirror ran negative articles about the Congress, quoting Professor Langlands from Westmead Hospital as saying, "promoting treatments that had not been proven or substantiated in medical journals only preyed on people who were desperate for a cure." This from a man representing the Australian medical profession that, for example in the case of breast cancer, claims a success rate of between 4 and 6%! Do these people feel satisfied with these sorts of figures and feel that there is nothing else to learn about treating this disease?

To give a rundown on just a few of the overseas experts presenting at the conference, we had one gentleman who is the President of the Austrian Society of Oncology and has won the highest medical scientific award in Germany for research on malignant diseases. Another is a holder of an Albert Schweitzer Award, among others, is an international expert in metabolic chemistry and is one of the most qualified professors in Europe. Another is a professor of chemistry, is also an oncologist and has his own clinic in Germany. We also had the head of the German Society of Oncology, the winner of numerous awards, and is in the running for a Nobel Prize. These people are more qualified than anyone I have met in this country, and they were deeply offended at the comments in the press. They were not paid to come here, and their only concern is to further studies in cancer research and to share this information openly. They are seriously considering lodging a formal complaint with their respective ambassadors.

They regard some of the methods being used here as dangerous and archaic. Methods such as chemotherapy and radiology themselves are not proven or substantiated, and there is plenty of evidence to support the case that most patients would survive longer and in more comfort without the use of these treatments.

I was ashamed to be an Australian, and I apologised to many of these experts for the way they had been treated in my country. The fact that a large number of Australians who are lucky enough to be able to afford it, do in fact travel to Europe for treatment and return in better condition than when

they left, says a lot.

I believe that the medical cover-up and conspiracy in this country is reaching a dangerous level. Hundreds of lives are lost each year, needlessly in many cases, and many people are forced to undergo dreadful forms of treatment that the experts are well aware will be of little benefit anyway.

With kindest regards,

Greg Fearn, Essiac Importers, Drummoyne, NSW, Australia.

(Well said, Greg! Readers who want videos of the Cancer Congress should see the ad on page 85. Ed.)

Re: Suppressed Inventions

Dear Editor: I have recently read the book, *Suppressed Inventions and Other Discoveries*. I am awestruck at the progress that science has made. By science, I mean those 'independent thinkers' who bravely challenge conformity, the norm and conventional thinking, and, by doing so, tap into undiscovered resources, laws and principles (which, in my view, have to exist in the first place, if they are to then be discovered).

But at the same time I am grievously appalled at the conduct of those who have endeavoured to suppress and cover up such marvellous discoveries and inventions, motivated by self-interest, greed, power, pride and wealth.

Anyway, the reason why I am writing is to find out if or not your magazine NEXUS has a subscription. And if so, could you please send me a subscription form with amounts and so forth?

I found out about NEXUS Magazine in the acknowledgements section of *Suppressed Inventions and Other Discoveries*, edited by Jonathan Eisen, found on the inside of the first page.

Thank you very much.

Paul L., Te Aroha, New Zealand.

Re: Nuke Tests/Volcano Link?

Dear Editor: Over a fortnight ago the French conducted the first of a series of underground nuclear tests. In a couple of days, another 'device' will be exploded.

At this present time, in New Zealand, Mount Ruapehu has become active, and the people of New Zealand are living in fear of a volcanic eruption.

The European Parliament is to investigate if there is a link between the French testing in the South Pacific and the volcanic activity in

New Zealand.

It is highly likely that a connection will be found; however, can the French prove, especially after their dogmatic and arrogant approach to the whole affair, that they had no knowledge that something of this nature could occur? I very much doubt it.

The French cannot be allowed to continue their testing. Will the people of Australia sit complacently as the French do what they will, under the guise of ignorance?

I urge all of you to do whatever you can to protest against this, as this testing mustn't go on. It will never be safe to create nuclear explosions underground, above ground, in test situations, or in any situations.

I earnestly hope that Jacques Chirac will leave it at this and try to make amends to the people of French Polynesia, New Zealand and the world community.

Yours sincerely,

Felicity G., Cockatoo, Victoria, Australia.

Re: Luck of the Irish

Dear Editor: Thank you for your magazine. I was once suborned by the present educational system, but have had enough experiences to change my mind. I realise that I cannot share these experiences with others and am unlikely to convince them, but your magazine offers me hope that there are many who, like me, are able to accept much of what modern science runs away from.

The most common statement that I hear is that there are now more people alive than have existed for the Earth's entire history. This is based on calculations that do not take into account infant mortality. Just passing through!

The key to this lies in the *Mabinogion*, which tells of the arrival of spacefarers bringing high technology, and the use by the Irish of the cauldron, as it is called. This created many new personalities as the various parts of all the slain warriors were animated. The texts tell of single hands with a life of their own. Thus the subsequent history of the planet has been somehow to undo the harm that these proud Irish caused in their immense folly. Their own folklore is curiously silent on this issue.

The historical Jesus was part of this process of resolution. The truth is bigger than any religion.

Yours sincerely,

John C., Chewton, Vic., Australia.

Re: Bigger than NEXUS!

Dear Duncan: Behind the news, a conspiracy that is Bigger than NEXUS is taking place! The creative genius of your resident cartoonist remains alienated from praise! Until now, only remote viewing counted these famous luminaries—Orion O'Neal, Pleiades Domingo and Dan Asteroid—as his cosmic fans. Shame upon shamen because this prodigious potential legend's imagination is inspired by Mars Bars. He's been caught wearing a photon belt but never spotted mooning in public! Am I the only Earthling with such feelings of ufo-ria at his time-warped humour? Somerville rules, okay!

Yours in Anti-Suppression Diplomacy,

E. T. Roswell III

PS: I thoroughly enjoy your mag. and hope it continues successfully into the 21st century and beyond.

Very best wishes,

John B., East Corral, NSW.

Re: Zantac Anxiety

Dear Editor: I winced on reading F. W., Australia's recommendations to use Essiac in conjunction with Zantac to obtain "best results" for gastric ulcers! (NEXUS vol. 2, no. 27.) F. W. must not have any idea of the side-effects of Zantac.

I once asked a doctor what these were and she replied with a list as long as your arm, and as I didn't have a pen and paper handy at the time I managed to remember at least three of them: constipation, depression and confusion—the latter being only a polite term for the onset of senility.

What is the point of cleaning out the tissues with an anti-cancer agent (Essiac) whilst fouling the system up at the same time with a highly toxic substance called Zantac? It cannot make sense, in my view, to ingest toxic substances which don't belong in the body whilst the body is trying to eliminate them. Would it not be more beneficial to boost the immune system with what it is lacking—oxygen?

For quite some time this drug has been the world's best seller, and as it can't be purchased otc (over the counter) it's obviously a lucrative commodity for the physicians, drug company and shareholders alike. Anyone who kides themselves that drugs are manufactured for the benefit of health must be living on a flat Earth.

Yours sincerely,

Margaret N., Wetherby, England.

Re: Big Bang Debunked!

Dear Editor: The Australian and New Zealand Association for the Advancement of Science (ANZAAS), whose Congress begins on Sunday 24th [September] at the University of Newcastle, is suppressing the fact that the Big Bang theory has been debunked through the discovery that the famous Cavendish Experiment measures electrostatic attraction and not the Newtonian constant as an independent universal force of gravitational attraction.

Analysis of Cavendish's 1798 paper indicates at least four phenomena which point to the electrostatic basis of the measured attraction, and this can be verified by using equal masses on the Cavendish torsion balance instrument.

This discovery came about through the formulation of an algorithm of universal cause and effect, called The Rule of Structuring, which is derived from the rejection of the present force/energy paradigm of physics in favour of a mass-based paradigm.

The Rule of Structuring is presented in the article, "The Evolution of Physics and the Integration of Science", which was sent to the ANZAAS committee for inclusion in the Congress satchel. However, the committee has elected to suppress the matter by refusing to include the article in the satchel.

The article presents the broad ramifications of the Newtonian constant being a measure of electrostatic attraction, which includes the non-uniformity of gravity over time.

However, the major ramification is that the cosmic red shift phenomenon is indicative of the structuring of light, and not an expanding Universe which began with a big bang. The Universe is emergent as structure through the formation of elliptical galaxies and stars and is, therefore, infinite in its continuance and finite in its structuring possibilities.

As both a collective and detailed representation, The Rule of Structuring is a means to integrate science and pertains to biology as a specification of evolution and functioning, a unified bio-systematic, and application in biology is obviously a priority at this time.

Stephen Mooney, Harcourt, Victoria, Australia.

CIA IN CONTROL OF THE INTERNET?

The media recently reported that the National Science Foundation has turned over Internet domain name registration to Network Solutions, Inc. (NSI) of Herndon, VA, USA. The media failed to note some interesting connections.

Web Review, a biweekly online magazine (see Special Report at <http://gnn.com/wr/>) revealed on 26th September 1995 that NSI was purchased in May '95 by Scientific Applications International Corporation (SAIC) of San Diego, CA.

SAIC is a US\$2 billion company indicted by the Justice Department on 10 felony counts for fraud in managing a Superfund toxic clean-up site (SAIC pleaded guilty), and sued by the US Justice Department for civil fraud on an F-15 fighter contract.

SAIC's board members include Admiral Bobby Inman, former NSA (National Security Agency) head and Deputy Director of the CIA; Melvin Laird, Nixon's Secretary of Defense; and Retired General Max Thurman, Commander of the Panama invasion.

Recently departed board members include Robert Gates, former CIA Director; William Perry, current Secretary of Defense; and John Deutch, the current CIA Director.

Current SAIC government contracts include re-engineering information systems at the Pentagon, automation of the FBI's



computerised fingerprint identification system, and the building of a national criminal history information system.

"At the very time the Internet community is struggling with the issues of encryption and privacy, I'm more than a little uneasy to find this bunch of ex-spooks sitting at the very entry point of the Net," says Jim Warren, a leading activist in making government records accessible.

The article was written by investigative journalist Stephen Pizzo, *Web Review* Senior Editor and co-author of the book, *Inside Job*, an exposé on the savings and loan looting.

(Source: Forwarded from: standeyo@iinet.com.au [Stan Deyo] to: nexus@peg.apc.org. [NEXUS Magazine] on 15 October 1995)

THE VINCENT FOSTER MYSTERY DEEPENS

On 20th July 1993, the body of White House staffer and friend of the Clintons, Vincent Foster, was found in a park near Washington.

Among his duties, Foster, a lawyer, handled the Clintons' personal financial affairs including details of property dealings in the Whitewater development in Arkansas.

In July 1994, Mr Robert Fiske, the special prosecutor investigating Whitewater, concluded that Foster committed suicide.

This finding put fuel on the fires of every conspiracy theorist for miles around.

Among the unanswered questions:

- Investigators found no spent bullet.
- There was no soil or grass on the shoes (indicating that the body had been carried).
- There was virtually no blood or brain matter near the body.
- The alleged suicide gun did not belong to Foster.
- There were powder burns on both hands, indicating that neither hand was on the grip when fired.
- The FBI found carpet fibre all over Foster's clothing and underwear, indicating that the body may have come into contact with one or more carpets before delivery to the park.

• Seven independent experts say the firing position is "inconsistent" with suicide.

Overall, the Fiske Report was so full of errors and inconsistencies that another probe, the Starr Investigation, was launched. However, the Starr Investigation put the same FBI agents in charge of reviewing their own work!

More recently, however, James Norman, Senior Editor of *Forbes* magazine, claims to have evidence that Vince Foster was identified by the CIA as an Israeli Mossad agent just before his death.

Norman claims that CIA operatives discovered Foster was collecting money from a Swiss bank account that was being provided for him by the Mossad. It is known that Foster made several unexplained quick trips to Switzerland prior to his death—trips about which his wife knew nothing.

James Norman claims that a computer group in the CIA using the Cray supercomputer has penetrated both the databanks of the Israeli Secret Service as well as those of



the Swiss banking firms.

Norman says the group, known as the "Fifth Column", found an account number in Foster's name in the Mossad's database. The Fifth Column then penetrated the Swiss bank and discovered that the money was indeed in Foster's name. The CIA operatives allegedly wire-transferred Foster's money—an amount of US\$2.73 million—into the US Treasury.

Foster allegedly sought the advice of Clinton operative Webster Hubbell, then working for the Justice Department, after he discovered the loss.

Several days after his meeting with Hubbell, Vincent Foster was found dead in Fort Marcy Park.

(Sources: *The Weekly Telegraph [UK]*, 1-7 November 1995; *The Australian*, 30 October 1995; *Straws in the Wind*, Sept/Oct 1995)

ANGER AT NEW COMPUTER GAME WITH SUBLIMINAL MESSAGES

A new computer game that employs the use of subliminal messages to trigger a subconscious 'feel-good' sensation has recently gone on sale in the UK.

But parents, politicians and psychologists have condemned the maker, Time Warner Interactive, as irresponsible and unethical.

Called "Endorfun", the game is like a computerised Rubik's Cube. It is accompanied by a mesmerising 'tribal' soundtrack, with 100 subliminal messages underneath. The messages are picked up by the brain without the player 'consciously' knowing what they are.

The audio messages include: "I expect pleasure and satisfaction"; "It's okay for me to have everything I want"; "I am free of dependency"; "Today I expect the best"; "I can do anything" and "I forgive myself completely".

Time Warner, which is aiming the game primarily at teenagers, insists the messages are all "positive", but a spokesperson admitted the game was highly addictive and "may have drug-like qualities, but at least it's legal".

The company quotes Dr Gini Graham Scott, a US sociologist who found certain computer games stimulate the brain to release endorphins, the body's natural chemicals that relieve pain and produce a natural 'high'.

Although subliminals are banned on television and radio, computer games fall outside legislation.

(Source: *The Australian*, 10 October 1995)

AUSTRALIA IS A WALK-OVER

For the third successive year, the Australian Army has warned the Federal Government that key elements of its combat force are unable to achieve the required level of "military readiness" because of a shortage of troops and equipment.

The warning, contained in the Defence Department's annual report issued recently, follows a series of cutbacks to defence spending in recent years and a sharp increase in the number of soldier resignations.

It is reported that 50% of the army's combat force elements failed to achieve required readiness levels in 1994-95.

Worse still, a shortage of funds for spare parts has resulted in the permanent grounding of the Australian Defence Force's fleet of 24 Nomad transport aircraft, as the army has concluded they are now unsafe for military use.

(Source: *The Australian*, 26 October 1995)

BILDERBERGER SUPPORT FOR COLIN POWELL AS PRESIDENT?

No sooner had Republican strategist William Kristol returned from his first appearance at a Bilderberg meeting (in Bürgenstock, Switzerland, 1995) than he began promoting Colin Powell for President of the USA.

What followed has been a veritable media storm of news items and articles in largely Murdoch- or Conrad Black-owned publications across the western world, virtually endorsing Colin Powell as the next President of the United States.

(Source: *alt.conspiracy newsgroup*, via the Internet)

NO WACO GAS FOR BRITAIN

The officers of London's famed Scotland Yard have delayed the introduction of CS gas sprays for use by patrolling police officers until the end of 1995.

The British are concerned that an officer suffered burns to his eyes when he was sprayed with one of the canisters while being briefed.

The damage was so severe that the officer had to have special treatment and spend time on sick leave.

CS gas is considered so harmful that not even the Israelis would use it against the Palestinians. It is considered lethal when used in a confined space.

Yet CS gas is what the FBI and the BATF pumped into the buildings before they stormed the compound at Waco!

(Source: *The Daily Telegraph*, 10 September 1995)

MORE GOOD NEWS FOR WINE DRINKERS!

According to a Danish study released earlier in 1995, moderate wine-drinkers, i.e., those who drink between three and five glasses per day, halve their chances of suffering a fatal heart attack or stroke.

The study into the health effects of alcohol found that spirit drinkers who drank the same quantities every day increased their risks of a fatal attack. Spirits were beneficial only if drunk once a month. Beer seemed to have no effect either way.

The good news for wine drinkers seems to be the more the better—up to a point. Risks of heart attack fell in relation to the amount drunk: those who drank more than six glasses per day were in the lowest category of all. Conversely, abstainers were at highest risk. (Note: the study did not consider other adverse effects associated with alcohol consumption, e.g., cirrhosis.)

This latest vindication of wine-drinking was made by researchers from the Danish Epidemiology Science Centre in Copenhagen, Denmark. Their results are certainly in line with health and social changes in Denmark, where fatal heart disease has fallen by 30% in the past 15 years, while wine-drinking has nearly doubled.



Researchers think that the anti-oxidants found in wines, particularly red wines, might have something to do with it.

Maybe they should read the article about OPC in this issue of NEXUS!

(Source: *British Medical Journal*, 6 May 1995)

BREAST MILK CAUSES LUNG CANCER CELLS TO SUICIDE

Swedish researchers have found that breast milk contains a substance that kills cancer cells.

Researchers at Lund University in Lund, Sweden, and Stockholm's Karolinska Institute, tested the effects of human milk against cells in laboratory test tubes and found that an ingredient called monomeric a-lactalbumin, or MAL, caused cancer cells to die.

It was found that MAL triggers a process of apoptosis, or cell suicide, in the cancer cells but not in normal cells. In one experiment, 98 per cent of all human lung-cancer cells were killed, while no normal cells were affected.

The milk compound also induced apoptosis in cancer cells from the kidney, bladder and intestines, the report said.

Nursing mothers, look out!

(Source: *The Australian*, 16 August 1995)

DRUG COMPANIES TO MAKE MONEY FROM DOPE!

According to the NSW Department of Health, doctors in New South Wales will soon be legally able to prescribe a pill based on the main active ingredient of marijuana.

The drug Dronabinol is a synthetic version of the THC found in marijuana, and, as such, can be legalised by regulation and

therefore does not require special legislation.

It is intended for use by people with advanced AIDS, and for cancer patients who have undergone chemotherapy and suffer the side-effects of nausea.

The drug is estimated to cost regular users about \$250 per month, but its cost will not be subsidised through the Pharmaceutical Benefits Scheme.

(Source: *The Sydney Morning Herald*, 2 August 1995)

WORLD'S SMALLEST COMPUTER WEIGHS FOUR GRAMS!

The world's smallest computer was introduced in September '95, in the form of a hearing instrument which will dramatically improve the quality of life for hard-of-hearing people throughout the world.

An international team of scientists at Oticon—one of the world's three largest hearing instrument manufacturers, located in Denmark—has developed the world's first fully digitised hearing aid, based on a revolutionary new computer chip with processing power equalling a normal 486 desktop computer.

The Digital Audio Processor is smaller than the top joint of the little finger. The real breakthrough is a radical reduction of the voltage required to run the microchip. It needs only 0.9 volt compared to the 3.3 volts required by a standard laptop computer. The newly developed microprocessor will be included in DigiFocus, a four-gram hearing device from Oticon. Depending on local approval procedures, DigiFocus is expected to be ready for worldwide sale in the first half of 1996.

(Source: gcarroll@black.weeg.uiowa.edu to nexus@peg.apc.org, via the Internet)

DOCTORS' AGENDA TO "GET" MIDWIVES?

A World Health Organisation (WHO) expert recently made claims that doctors are staging a "global witch-hunt" against midwives in an attempt to undermine public confidence in them and thus drive them out of business.

Marsden Wagner, a doctor specialising in maternity services at the WHO, said many in the medical establishment felt "threatened" by midwives.

"There is a global witch-hunt in progress: the investigation of health professionals in many countries to accuse them of dangerous maternity practices," he wrote in *The Lancet* medical journal.

"This witch-hunt is part of a global struggle for control of maternity services, the key underlying issues being money, power, sex, and choice."

Dr Wagner said he had been asked to consult or testify in 20 cases in 10 countries in which maternity professionals had been brought up before public courts, medical review boards or health insurance review boards.

Seventy per cent of those being investigated were midwives, 85 per cent of whom were women.

"As birth rates fall, the competition for pregnant patients increases, especially in countries largely reliant on private medical care," he explained.

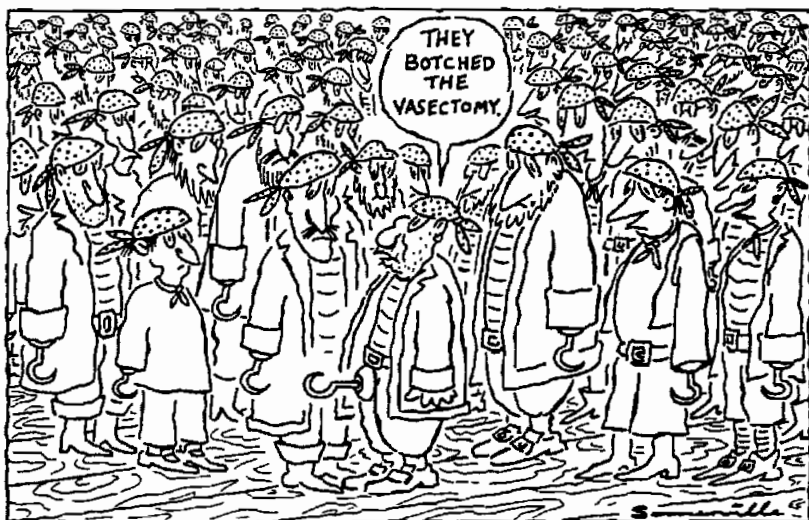
But, he added, "Another issue is the 200-year-old struggle of doctors to control midwifery."

(Source: *Sunshine Coast Daily*, 14 October 1995)

ALTERNATIVE CANCER CONGRESS SPURNED BY MEDICAL/DRUG CARTELS

The 2nd World Congress on Cancer was held in Sydney from 15th to 18th September 1995. Cancer researchers and doctors came from Germany, Finland, Hungary, Britain, Netherlands, Austria, China, Japan and USA as well as Australia.

Most of the speakers in attendance reported amazing results with their therapies, many of which have a much higher success rate than mainstream medical therapies. For example, using hyperthermia, Dr Friedrich Douwes, head of Klinik St George, Germany, is getting 80% positive results with benign prostate hyperplasty and 90% success in conjunction with complete hormone blockade for prostate carcinoma, with surgery required in only 2% of cases.



According to a recent issue of *The Lancet*, orthodox treatments have a 56% recurrence rate. German and Austrian oncologists achieve a 28% recurrence rate using treatments they described at the Congress.

The media coverage of the Congress was appalling and, in reality, reflects the power of the vested interests that are financially threatened by the exposure of successful cancer treatments (see Letters to the Editor). The newspaper reports before the Congress would have you believe the Congress was only about aromatherapy, chiropractic, naturopathy, etc.

In fact, the Congress included presentations on a variety of medical topics, such as advances in microscopy and hyperthermia (use of localised heat); new drugs (butyrate, melatonin, etc.); nutrition (vitamins, herbs, fats and foods); and the use of a particular microwave frequency before radiation therapy which improves its results dramatically.

The medical representatives of the drug companies were not to be outdone by the media in trying to denigrate the Congress ahead of time. For instance, the Royal Australian College of General Practitioners refused to award accreditation points in its Quality Assurance Program for general practitioners attending the Congress.

The reason given was that the College was not satisfied, from the abstracts, that the meeting was of "sufficient scientific and ethical merit to warrant accreditation". This is an incredible comment considering many of the speakers hold chairs in medicine and biochemistry from prestigious universities around the world.

BRAIN DEVELOPMENT AIDED BY PLAYING MUSICAL INSTRUMENTS

A study published in October 1995 in the journal, *Science*, has revealed that learning to play a musical instrument at an early age affects the way the brain functions and develops.

Musicians who learnt to play string or keyboard instruments before adolescence appear to have larger areas of the brain devoted to finger touch perception, as well as more highly developed nerve fibres linking both halves of the brain.

And as young keyboard players are trained to use both hands, the brain areas devoted to finger movement in the non-dominant hand—the left hand of a right-handed person, and the right hand of a left-handed person—become enlarged.

(Sources: *The New York Times*, 13 October 1995; *The Sydney Morning Herald*, 14 October 1995)

CONTROL FREAKS, PUSHERS AND A NATION OF JUNKIES

On 13th August 1995, an interesting story appeared in the *San Diego Union-Tribune*. According to the report, former DEA agent Celerino Castillo stated that he and three other ex-narcotics agents were willing to testify before Rep. Robert Toricelli's proposed subcommittee on the intelligence community and human rights violations in Guatemala and Central America regarding the extent of direct involvement by the Central Intelligence Agency in international drug trafficking. The estimate he gave the newspaper was that approximately 75 per cent of the drugs that enter the United States do so with the acquiescence or direct participation of US and foreign CIA agents.

Several years ago, the Senate Subcommittee on Terrorism, Narcotics and International Operations, headed by Senator John Kerry, held hearings on allegations that the contra forces fielded by the US in its war against Nicaragua were using "national security" as a cover for cocaine smuggling. Oliver North, who was one of the primary organisers of the terrorists, wrote in his diary that at least US\$14 million that went to his arms operations came from drug kingpins. In its final report, the subcommittee was able to establish, despite stonewalling by the Reagan administration and shortages of staff and time that caused it to cut short many intriguing leads, that involvement of the contras in drug smuggling had been pervasive, with at least four of the 'humanitarian' organisations set up to funnel tax money to the front being run by known traffickers.

Other published reports in the mid-1980s indicated that the Afghani "freedom fighters" that the CIA armed and trained in its biggest operation of the post-Vietnam Cold War era were responsible for between 40 and 80 per cent of the heroin coming into the United States during those years.

Nor is the involvement of the CIA and its sister agencies in the international narcotics pipeline a recent phenomenon: in the 1950s there was the Burmese and Nationalist Chinese "Golden Triangle", source of most of the world's opium; in the 1960s, General Vang Pao and the Hmong growers, who served as the CIA's secret army in exchange for the Agency's aid in transporting its opium to the West; and, in the 1970s, the rogue operations of Ted Shackley, Edwin Wilson and the Australian Nugan Hand Bank—"rogue" only in the sense that the CIA maintained its deniability and jettisoned the high-level officers in charge when their roles threatened to become known. And, throughout, there were the experiments with LSD on US citizens, along with other operations whose records were deliberately destroyed when Congress began investigating them after Watergate.

Indeed, the complicity of the US and other intelligence communities in the drug trade is so widespread that in 1994 Shapolsky Publishers titled an exposé by a former CIA agent, Ken Bucchi, "CIA: Cocaine In America?"

A number of other well-documented books have traced the sordid facts. Among the best are Alfred McCoy's classic, *The Politics of Heroin* (originally published in 1972 as *The Politics of Heroin in Southeast Asia*, and reissued in greatly revised and expanded format in 1991); *The Great Heroin Coup: Drugs, Intelligence & International Fascism*, by Danish journalist Henrik Kruger (1980); *The Big White Lie: The CIA and The Cocaine/Crack Epidemic*, by former top DEA agent Michael Levine (1993); *Cocaine Politics: Drugs, Armies and the CIA in Central America*, by Peter Dale Scott and Jonathan Marshall (1991); *The Crimes of Patriots: A True Tale of Dope, Dirty Money and the CIA*, by former *Wall Street Journal* reporter Jonathan Kwitny (1987); *In Banks We Trust*, by the late Penny Lernoux (1984); *Storming Heaven: LSD and the American Dream*, by Jay Stevens (1987, the chapter titled "Noises Offstage" regarding CIA MK-ULTRA experiments using LSD on unsuspecting American citizens in the 1950s and 1960s); and *Acid Dreams: The CIA, LSD and the 'Sixties Rebellion*, by Martin Lee and Bruce Shlain (1985).

Despite overwhelming evidence of the direct involvement of agents of the State in pushing both heroin and cocaine, the official stance of the *apparat* is that it is diligently pursuing a "zero-tolerance" strategy aimed at eliminating the "scourge of illegal drugs" from our society.

As the cliché has it, the first casualty in this war has been the truth.

(Source: From: czeps@icis.on.ca (Ron Reed <ronr@muskox.alaska.edu>); 23 September 1995; Newsgroups: alt.conspiracy)

The Bilderberg Group

An Invisible Power House

With its membership selected from the power élite of Europe and North America, many wonder if the Bilderbergers are conspiring to establish a 'new world order'.

by Armen Victorian

© 1994

PO Box 99, West PDO,
Nottingham, NG8 3NT
United Kingdom

Conspiracy theory writers have repeatedly linked one powerful global élite, the Bilderberg Group, with the ultimate take-over of the world. Members of the Bilderberg, together with their 'sister' organisations—the Trilateral Commission (known also as the "Child of Bilderberg")¹ and the Council on Foreign Relations²—are charged with the postwar take-over of the democratic process. The measures implemented by this group so far prove the control of the world economy through indirect political means.

The constitution of several democratic monarchies of the Western Europe bans members of their royal families from playing an active role in the political process. However, the Bilderberg meetings provide this exact forum and platform for them.

*This unprecedented period of European cooperation is more than a product of simple nation-state diplomacy. One of the key institutions that has fostered unity and cooperation with the Atlantic Community beyond the old concepts has been the Bilderberg Group.*³

*I tell you frankly that I am deeply alarmed today over the possibility that a right-wing reaction may draw some sections of capital so far away from our traditions as to imperil the entire structure of American life as we know it.*⁴

These comments by Pasymowski and Gilbert³ two decades ago may seem out of phase with the current events in former Yugoslavia, but, in terms of the continued stability of the "European State", they have proven to be largely accurate. Warfare has been removed from the intra-European systems as a means of controlling and directing nationalistic goals and ideas. Even in the case of former Yugoslavia, one observes that the current state of war has resulted from Tito's and the Soviet Union's demise. Consequently, the lid has been lifted on rivals and racial memories which had been artificially kept in place for previous decades.

The several proto-states which make up the former Yugoslavia were not part of the economic and social development programs which evolved in Western Europe. As we would see, the way in which the rest of Europe evolved and developed was very different, and for very particular reasons.

Whether co-incidence or not, it is equally ironic that the current Chairman of the Bilderberg, Lord Carrington, was the first UN-appointed representative to bring peace to the war-torn Yugoslavia.

BIRTH OF BILDERBERG

The single most important personality connected with the birth and creation of the Bilderberg Group is Joseph H. Retinger (also known as L'Eminence—His Grey Eminence). Retinger had a colourful, lifelong career that raised him to the top of the world power élites. At his funeral in 1960, Sir Edward Bedington-Behrens said:

I remember Retinger in the United States picking up the telephone and immediately making an appointment with the President, and in Europe he had complete entrée in every political circle as a kind of right acquired through trust, devotion and loyalty he inspired.

Retinger, as a Catholic, was viewed by many as an agent of the Vatican, acting in liaison between the Pope and the Father-General of the Jesuit order.

One of Retinger's renowned achievements in European politics was the founding of the European Movement, leading to the establishment of the Council of Europe on 5th May 1949. With its headquarters in Strasbourg, the Council Executive Committee provided Retinger his first major platform for his expansive ideology.

From his earlier days at the Sorbonne, Retinger believed in greater European unity, both in military and economic terms. It was also at the same time when his interest in the guid-

ance of the Jesuit order manifested itself. He spent a great deal of his time fulfilling these ambitions. He suggested to Premier Georges Clemenceau a plan to unite Eastern Europe—involving the merging of Austria, Hungary and Poland as a tripartite monarchy under the guidance of the Jesuit order. Clemenceau, doubtful of the Vatican-inspired plan, rejected Retinger's proposal outright. This plan labelled Retinger, thereafter, as a Vatican agent.

Retinger's activities were not limited to uniting Europe. Through his several trips to Mexico he played a key role in the creation of a trade union movement in the 1920s. Due to his unprecedented success, and by gaining the Mexican Government's trust, Retinger convinced them to nationalise the US oil interest in Mexico. In the process, Retinger conducted the secret negotiations with Washington for the Mexican Government.

Retinger also had an active war career. He was the political aide to General Sikorski, and served for the London-based Polish Government-in-exile. In addition, at the age of 58, he parachuted into German-occupied territory outside Warsaw for some sabotage missions.

Due to his high-profile career, in the 1950s he was able to create contacts with numerous high-ranking military officials and political leaders. His main aim was to unite the world in peace. His peace dividend was to be under the control of supernatural, powerful organisations. He believed that such organisations would be immune from short-term ideological conflicts erupting between governments. To Retinger, it was insignificant what dominated the economic ideology of a country. He believed these differences could be brought into line by powerful multinational organisations dictating and applying powerful economic and military policies, thereby creating a union and a bond between the nations.

Retinger's personal 'left-wing' views from his heady days convinced him that many leaders of newly born socialist and communist nations would be prepared to talk to him. Additionally, his Church background gave him an arena for dialogue with people from the middle-ground connections in international relations.

Nevertheless, Retinger knew that control of the world affairs cannot be achieved without US participation. In pursuit of this ideology, he began a campaign for the creation of an Atlantic Community. This would make the development of Europe an important political aim for the American politicians, thereby preventing their retreat into political isolation.

Retinger, with this in mind, set out his carefully calculated move by involving one of his close and powerful friends, Prince Bernhard of the Netherlands. Prince Bernhard, at the time, was an important figure in the oil industry and held a major position in Royal Dutch Petroleum (Shell Oil) as well as Société Générale de Belgique—powerful global corporations.

In 1952 Retinger approached Bernhard with a proposal for a secret conference to involve the NATO leaders in an open and frank discussion on international affairs behind closed doors. The meeting would allow each participant to speak his mind freely because no media representative would be permitted inside; nor would there be any news bulletin about the meeting or the topics

discussed. Furthermore, if any leaks occurred, the journalists would be discouraged from writing about it.

Prince Bernhard fully supported Retinger's proposal for an international meeting. Consequently, they formed a committee to organise a plan. In 1952, Bernhard approached the Truman administration and briefed them about the meeting. Despite a positive reception, it was not until the Eisenhower administration when the first American counterpart group was formed. The two key role-players in the US group were General Walter Bedell Smith (Director of the CIA) and C. D. Jackson. Both (European-American) groups working interactively set out to fulfil Retinger's initial plan. From the outset, the American group was heavily influenced by the Rockefeller family, the owners of Standard Oil—competitors of Bernhard's Royal Dutch Petroleum. From then on, the Bilderberg business reflected the concerns of the oil industry in its meetings.

According to Bilderberg's draft document of 1989:

Bilderberg takes its name from the Bilderberg Hotel in Oosterbeek, Holland, where the first meeting took place in May 1954. That pioneering meeting grew out of the concern expressed by many leading citizens on both sides of the Atlantic that Western Europe and North America were not working together as closely as they should on matters of critical importance. It was felt that regular, off-the-record discussions would help create a better understanding of the complex forces and major trends affecting Western nations in the difficult postwar period.⁵

Retinger's main aim in creating Bilderberg had other more important, inherent aspects than an informal gathering of a group of the world's élite. It has been suggested that Bilderberg meetings ultimately would have implemented group dynamics techniques in the shape of a low-key international thinking group with the purpose of sensitising the less enlightened of its membership towards the new transitional diplomacy of the Cold War.

The first meeting witnessed the gathering of ideologies, poles apart. The issue of McCarthyism was reaching its peak in the United States. European participants, exasperated with the McCarthy propaganda, saw in their American counterparts a clear political shift towards an ultra-right-wing fascist state. Memories of World War II still fresh in their minds, the Europeans found the concept rather repulsive.

C. D. Jackson (a member of the CFR), in an attempt to regain the international delegates' confidence, stated:

Whether McCarthy dies by an assassin's bullet or is eliminated in the normal American way of getting rid of boils on body politics, I prophesy that by the time we hold our next meeting he will be gone from the American scene.⁶

Nevertheless, McCarthyism proved to be a source of embarrassment for the US delegate.

OTHER GROUPS

The concept of Bilderberg was not new. Although similar groups were already in existence at the time, none attracted and

The meeting would allow each participant to speak his mind freely because no media representative would be permitted inside; nor would there be any news bulletin about the meeting or the topics discussed. Furthermore, if any leaks occurred, the journalists would be discouraged from writing about it.

provoked global myths the way Bilderberg has.

Groups such as Bohemian Grove, established in 1872 by San Franciscans, played an equally significant role in shaping postwar politics in the US.

*It was at the Grove, it is said, that the Manhattan Project was set up and that Eisenhower was selected as the Republicans' candidate for 1952.*⁷

The Ditchley Park Foundation was established in 1953 in Britain with the same aim.⁸

Two years earlier, in 1952, Britain's Field Marshal Bernard Montgomery had suggested the idea of a NATO command-post exercise (a paper drill; no movement of forces) to train army divisional commanders. General Eisenhower, who was then NATO's European Commander, accepted it. As a result, the Supreme Headquarters Allied Powers in Europe Exercise—SHAPEX—was created. Ever since, an annual meeting has been held in SHAPE headquarters near Mons, Belgium, and the subject has been broadened to incorporate a wide array of topics.

The historical review of these groups reflects a sudden flourishing trend, and the realisation by the world's leaders of the need for creation of, at times, such overt concepts. The idea of establishing such élite groups did not die with the birth of Bilderberg.

In 1957, the first of the Pugwash Conferences on Science and World Affairs took place.⁹ Pandit Nehru offered to host the first meeting. The founder members were personalities such as Bertrand Russell and Albert Einstein. Scientists from the United States and Soviet Union were regular participants in this East-West gathering of élites. Britain is known for its active participation and role in this group.

*The best feature of Pugwash is that it brings together people from East, West and non-aligned countries.*⁹

Pugwash proved particularly valuable at the time when the relation between East and West was at a stalemate. Many significant topics were discussed in this forum. Ways of monitoring arms control agreements, nuclear disarmament, and reduction of East-West tensions were always on the top of the agenda. In the 1970s Pugwash embraced a range of issues including biological, chemical and conventional arms control, environment and development problems as well as conflicts around the world.

One of the latest groups is the Williamsburg, better known as the Asian Window. Its first meeting was financed by the late John D. Rockefeller in 1971, and continues to date. It brings together the Asian leaders and the Americans. Williamsburg has been particularly effective for discussing Vietnam, or the Indonesian corruption, or supposedly non-existent Japanese exchange controls. Different experiences of trade with China and Russia, or how Singapore has a lower infant mortality than America, have been some of the topics in the Williamsburg forum.

Nonetheless, none of these groups—including the Council on Foreign Relations and the Trilaterals—commands the influence the Bilderberg has obtained in shaping and dictating global policies.

CHAIRMANSHIP

The first [Bilderberg] meeting was convened under the chairmanship of H. R. H. Prince Bernhard of the Netherlands, who served as chairman for twenty-two years. He was succeeded by Lord Home of the Hirsell, former Prime Minister for the United Kingdom, who chaired the meetings for four years. At the 1980 meeting, Lord Home turned over the chairmanship to Walter Scheel, former President of the Federal Republic of Germany. In 1985, Mr Scheel resigned, and was succeeded by Lord Roll of Ipsden, President of S. G. Warburg Group plc. At 1989 meeting, Lord Roll turned over the chairmanship to Lord Carrington,¹⁰ who still chairs the meetings.

CHARACTER OF BILDERBERG MEETINGS

What is unique about Bilderberg as a forum is (1) the broad cross-section of leading citizens, in and out of government, that are assembled for nearly three days of informal discussion about topics of current concern especially in the fields of foreign affairs and the international economy; (2) the strong feeling among participants that, in view of the differing attitudes and experiences of the Western nations, there is a clear need to develop an understanding in which these concerns can be accommodated; and

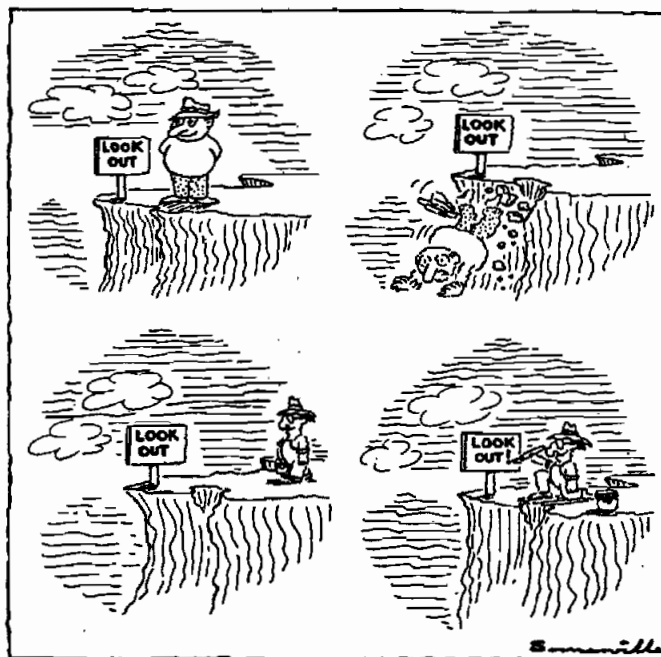
(3) the privacy of these meetings, which has no purpose other than to allow leading citizens to speak their minds openly and freely.

*In short, Bilderberg is a recognised, flexible and informal international leadership forum in which different viewpoints can be expressed and mutual understanding enhanced.*¹¹

In further recognition of this aspect, Paddy Ashdown, the Leader of the Liberal Party and a participant in the 1989 Bilderberg meeting, wrote to me:

*In view of the recent events right across Europe, this has turned out to have been an exceptionally useful opportunity to meet and discuss with many of the most expert people in the world on international relations. I found it a very stimulating and informative gathering.*¹²

Nonetheless, none of these groups—including the Council on Foreign Relations and the Trilaterals—commands the influence the Bilderberg has obtained in shaping and dictating global policies.



But others, such as Prince Charles, Lord Callaghan and Sir Edward Heath, were rather shy in their responses.¹³

PARTICIPANTS

There are usually 115 participants in each annual meeting. Eighty are from Western Europe and the remainder from North America. From this mixture, one-third are from government and politics, and the remaining two-thirds from industry, finance, education and communications. All the participants claim to attend the meeting in their private capacity and not as officials—though this claim, in the wake of the outcome of subsequent meetings, has proven to be highly questionable.

Participants are invited to the Bilderberg meeting by the Chairman, following his consultations and recommendations by the Steering Committee membership, the Advisory Group and the Honorary Secretaries-General. This approach ensures a full, informed and balanced discussion of the agenda items. The individuals are chosen based on their knowledge, standing and experience. The previous participants maintain that, at the meetings, no resolutions are proposed, no votes are taken and no policy statements are made.

FUNDING

The costs of the annual meetings are usually the responsibility of the Steering Committee members of the host country. But, the expenses of maintaining the Bilderberg meetings are covered entirely by private subscriptions. Although the meeting reports are published, nevertheless they are strictly for the participating members only. No reports are made available to the media.

ORGANISATIONAL STRUCTURE

Members' Steering Committee:

• **Chairman:** Peter, Lord Carrington—Chairman of the Board, Christie's International plc; Former Secretary-General NATO.

• **Secretary-General for Europe and Canada:** Victor Halberstadt—Professor of Public Economics, Leiden University, the Netherlands.

• **Secretary General for USA:** Theodore L. Elliot, Jr—Dean Emeritus, The Fletcher School of Law & Diplomacy; Former US Ambassador.

• **Treasurer:** Pieter Korteweg—President and Chief Executive Officer, Robeco Group.

• **Austria:** Peter Jankowitsch—Member of Parliament, Former Foreign Minister.

• **Belgium:** Etienne Davignon—Chairman, Société Générale de Belgique; Former Vice Chairman of the Commission of the European Communities.

• **Finland:** Jaakko Iloniemi—Managing Director, Centre for Finnish Business and Policy Studies; Former Ambassador to the USA.

• **France:** Marc Lardreit de Lacharrière—Chairman, Fimalac.

Thierry de Montbrial—Director, French Institute of International Relations; Professor of Economics, Ecole Polytechnique.

• **Germany:** Christoph Bertram—Diplomatic Correspondent, *Die Zeit*.

Hilmar Kopper—Spokesman of the Board of Managing

Directors, Deutsche Bank AG.

• **Greece:** Costa Carras—Director of companies.

• **Ireland:** Peter D. Sutherland—Chairman, Allied Irish Bank plc; Former Member, Commission of the European Communities.

• **Italy:** Mario Monti—Rector and Professor of Economics, Bocconi University, Milan.

Renato Ruggiero—Member of the Board, Fiat SpA; Former Minister of Foreign Trade.

• **Norway:** Westye Hoegh, Ship Owner, Leif Hoegh & Co AS.

• **Portugal:** Francisco Pinto Balsemao—Professor of Mass Communication, New University of Lisbon; Chairman, Sojornal sarl; Former Prime Minister.

• **Spain:** Jamie Carvajal Urquijo—Chairman and General Manager, Iberfomento.

• **Sweden:** Percy Barnevik—President and CEO, ABB Asea Brown Boveri Ltd.

• **Switzerland:** David de Pury—Chairman, BBC Brown Boveri Ltd; Co-Chairman, ABB Asea Brown Boveri Group.

• **Turkey:** Selahattin Beyazit—Director of companies.

• **United Kingdom:** Andrew Knight—Executive Chairman, News International plc.

• **United States of America:** Kenneth W. Dam—Max Pam Professor of American and Foreign Law, University of Chicago Law School; Former Deputy Secretary of State.

Vernon E. Jordan, Jr—Partner, Akin, Gump, Hauer & Field, Attorneys-at-Law; Former President, National Urban League.

Henry A. Kissinger—Former Secretary of State; Chairman, Kissinger Associates, Inc.

Charles McC. Mathias—Partner, Jones, Day, Reavis & Pogue; Former

US Senator (Republican, Maryland).

Rozanne C. Whitehead—Former Deputy Secretary of State.

Lynn R. Williams—International President, United Steel Workers of America.

Cassimir A. Yost—Executive Director, The Asia Foundation's Center for Asian-Pacific Affairs.

• **United States of America/International:** James D. Wolfensohn—President, World Bank; President, James D. Wolfensohn, Inc.

Members of Advisory Group:

• **Canada:** Anthony G. S. Griffin—Director of companies.

• **Germany:** Otto Wolff von Amerongen—Chairman and Chief Executive Officer, Otto Wolff Industrieberatung und Beteiligungen GmbH.

• **International:** Max Kohnstamm—Former Secretary-General, Action Committee for Europe; Former President, European University Institute.

• **Italy:** Giovanni Agnelli—Chairman, Fiat SpA.

• **Netherlands:** Ernst H. van der Beugel—Emeritus Professor of International Relations, Leiden University; Former Honorary Secretary-General of Bilderberg Meetings for Europe and Canada.

• **United Kingdom:** Lord Roll of Ipsden—President, S. G. Warburg Group plc.

There are usually 115 participants in each annual meeting. Eighty are from Western Europe and the remainder from North America. From this mixture, one-third are from government and politics, and the remaining two-thirds from industry, finance, education and communications.

Continued on page 81

HAARP: High-Frequency Vandalism in the Sky

Scheduled to be fully operational by 1998, the US military's HAARP transmitter is no mere auroral research project.

Its superpowerful radio-wave beam may irreparably damage the planet's atmosphere and severely disrupt our mental and physical health.

© 1995 by Dr Nick Begich and
Jeane Manning

Earthpulse Press

PO Box 201393

Anchorage, Alaska 99520, USA

Voicemail: +1 (907) 249 9111

Technonet, the protest form of the 1990s: picketing on the information highways. For example, a fast-growing assortment of men and women around the world are using the Internet (started by the US military for information transfer and exchange that would never be interfered with) to draw attention to a questionable military project in Alaska. These Internetting, e-mailing, faxing folks are blowing holes in the US Department of Defense secrecy wall by using the government's own system.

The printed-word part of the protest started when Dennis Specht, an anti-nuclear activist then living in Alaska, sent a news item to NEXUS on the topic of HAARP—the High-frequency Active Auroral Research Program. Then, an Alaskan political activist and science researcher in Anchorage, Nick Begich, networked with Patrick and Gael Crystal Flanagan, who are self-described "technomonsks" living in Sedona, Arizona, and was told to check out that same Australian-based magazine. Begich was surprised to see an item from his home town in NEXUS and immediately headed to the local library to dig out the documents cited in the article.

That research led to articles and the book, *Angels Don't Play this HAARP: Advances in Tesla Technology*, which is 230 pages of detailed information on this intrusive project. This article will only give highlights. Despite the amount of research (350 footnotes), at its heart it is a story about ordinary people who took on an extraordinary challenge.

HAARP BOILS THE UPPER ATMOSPHERE

HAARP will zap the upper atmosphere with a focused and steerable electromagnetic beam. It is an advanced model of an 'ionospheric heater'. (The ionosphere is the electrically-charged sphere surrounding Earth's upper atmosphere. It ranges between about 40 to 600 miles above Earth's surface.)

Put simply, the apparatus for HAARP is a reversal of a radio telescope: antennas send out signals instead of receiving. HAARP is the test run for a superpowerful radio-wave beaming technology that lifts areas of the ionosphere by focusing a beam and heating those areas. Electromagnetic waves then bounce back onto Earth and penetrate everything—living and dead.

HAARP publicity gives the impression that the High-frequency Active Auroral Research Program is mainly an academic project with the goal of changing the ionosphere to improve communications for our own good. However, other US military documents put it more clearly: HAARP aims to learn how to "exploit the ionosphere for Department of Defense purposes". Communicating with submarines is only one of those purposes.

Press releases and other information from the military on HAARP continually downplay what it could do. Publicity documents insist that the HAARP project is no different than other ionospheric heaters operating safely throughout the world in places such as Arecibo, Puerto Rico; Tromsø, Norway; and the former Soviet Union. However, a 1990 government document indicates that the radio frequency (RF) power zap will drive the ionosphere to unnatural activities:

...at the highest HF powers available in the West, the instabilities commonly studied are approaching their maximum RF energy dissipative capability, beyond which the plasma processes will 'run away' until the next limiting factor is reached.

If the military, in cooperation with the University of Alaska, Fairbanks, can show that this new ground-based "Star Wars" technology is sound, they both win. The military has a relatively inexpensive defence shield and the university can brag about the most dramatic geophysical manipulation since atmospheric explosions of nuclear bombs. After successful testing, they would have the military megaprojects of the future and huge markets for Alaska's North Slope natural gas.

Looking at the other patents which built on the work of a Texas physicist named Bernard Eastlund, it becomes clearer how the military intends to use the HAARP transmitter. It also makes governmental denials less believable. The military knows how it intends to use this technology, and has made it clear in their documents. The military has deliberately misled the public through sophisticated word games, deceit and outright disinformation.

The military says the HAARP system could:

- give the military a tool to replace the electromagnetic pulse effect of atmospheric thermonuclear devices (still considered a viable option by the military through at least 1986);

- replace the huge Extremely Low Frequency (ELF) submarine communication system operating in Michigan and Wisconsin with a new and more compact technology;

- be used to replace the over-the-horizon radar system that was once planned for the current location of HAARP, with a more flexible and accurate system;

- provide a way to wipe out communications over an extremely large area, while keeping the military's own communications systems working;

- provide a wide-area Earth-penetrating tomography which, if combined with the computing abilities of EMASS and Cray computers, would make it possible to verify many parts of nuclear nonproliferation and peace agreements;

- be a tool for geophysical probing to find oil, gas and mineral deposits over a large area;

- be used to detect incoming low-level planes and cruise missiles, making other technologies obsolete.

The above abilities seem like a good idea to all who believe in sound national defence and to those

concerned about cost-cutting. However, the possible uses which the HAARP records do not explain, and which can only be found in US Air Force, Army, Navy and other federal agency records, are alarming. Moreover, effects from the reckless use of these power levels in our natural shield—the ionosphere—could be cataclysmic, according to some scientists.

One Alaskan puts it bluntly. A founder of the "NO HAARP" movement, Clare Zickuhr, says:

The military is going to give the ionosphere a big kick and see what happens.

The military failed to tell the public that they do not know what exactly will happen, but a Penn State science article brags about that uncertainty. Macho science? The HAARP project uses the largest energy levels yet played with, by what Begich and Manning call "the big boys with their new toys". It is an experiment on the sky, and **experiments are done to find out something not already known.** Independent scientists told Begich and Manning that a HAARP-type 'skybuster' with its unforeseen effects could be an act of global vandalism.

HAARP HISTORY

The patents described below were the package of ideas which were originally controlled by ARCO Power Technologies Incorporated (APTI), a subsidiary of Atlantic Richfield Company, one of the biggest oil companies in the world. APTI was the contractor that built the HAARP facility. ARCO sold this subsidiary, the patents and the second phase construction contract to E-Systems in June 1994.

E-Systems is one of the biggest intelligence contractors in the world, doing work for the CIA, defence intelligence organisations and others. US\$1.8 billion of their annual sales are to these organisations, with US\$800 million for black projects—projects so secret that even the United States Congress isn't told how the money is being spent.

E-Systems was bought out by Raytheon which is one of the largest defence contractors in the world. In 1994 Raytheon was listed as number 42 on the "Fortune 500" list of companies. Raytheon has thousands of patents, some of which will be valuable in the HAARP project. Twelve patents are the backbone of the HAARP project, and are now buried among the thousands of others held in the name of Raytheon.

Bernard J. Eastlund's US Patent #4,686,605, "Method and Apparatus for Altering a Region in the Earth's Atmosphere, Ionosphere, and/or Magnetosphere", was sealed for a year under a government secrecy order.

The Eastlund ionospheric heater was different: the radio frequency (RF) radiation was concentrated and focused to a point in the ionosphere. This difference throws an unprecedented amount of energy into the ionosphere. **The Eastlund device would allow a concentration of one watt per cubic centimetre, compared to others only able to deliver about one millionth of one watt.**

This huge difference could lift and change the ionosphere in the ways necessary to create futuristic effects described in the patent. According to the patent, the work of Nikola Tesla in the early 1900s formed the basis of the research.

What would this technology be worth to ARCO, the owner of the patents? They could make enormous profits by beaming electrical power, without wires, from a powerhouse in the gas fields to the consumer.

For a time, HAARP researchers could not prove that this was one of the intended uses for HAARP. In April 1995, however, Begich found other patents connected with a 'key personnel' list for APTI. Some of these new APTI patents were indeed a wireless system for sending electrical power.

Eastlund's patent said the technology can confuse or completely disrupt airplanes' and missiles' sophisticated guidance systems. Further, this ability to spray large areas of Earth with electromagnetic waves of varying frequencies—and to control changes in those waves—makes it possible to knock out communications on land or sea as well as in the air. The patent said:

Thus, this invention provides the ability to put unprecedented amounts of power in the Earth's atmosphere at strategic locations and to maintain the power injection level, particularly if random pulsing is employed, in a manner far more precise and better controlled than heretofore accomplished by the prior art, particularly by detonation of nuclear devices of various yields at various altitudes...

...it is possible not only to interfere with third party communications but to take advantage of one or more such beams to carry out a communications network even though the rest of the world's communications are disrupted. Put another way, what is used to disrupt another's communications can be employed by one knowledgeable of this invention as a communication network at the same time.

...large regions of the atmosphere could be lifted to an un-

Bernard J. Eastlund's US Patent #4,686,605, "Method and Apparatus for Altering a Region in the Earth's Atmosphere, Ionosphere, and/or Magnetosphere", was sealed for a year under a government secrecy order.

pectedly high altitude so that missiles encounter unexpected and unplanned drag forces with resultant destruction...

Weather modification is possible by, for example, altering upper atmosphere wind patterns by constructing one or more plumes of atmospheric particles which will act as a lens or focusing device. ...molecular modifications of the atmosphere can take place so that positive environmental effects can be achieved. Besides actually changing the molecular composition of an atmospheric region, a particular molecule or molecules can be chosen for increased presence. For example, ozone, nitrogen, etc. concentrations in the atmosphere could be artificially increased...

Begich found 11 other APTI patents. They told how to make "Nuclear-sized Explosions without Radiation", power-beaming systems, over-the-horizon radar, detection systems for missiles carrying nuclear warheads, electromagnetic pulses previously produced by thermonuclear weapons and other "Star Wars" tricks. This cluster of patents underlays the HAARP weapon system.

MENTAL MANIPULATION

Related research by Begich and Manning uncovered bizarre schemes. For example, US Air Force documents revealed that a system had been developed for manipulating and disrupting human mental processes through pulsed radio-frequency radiation (the stuff of HAARP) over large geographical areas.

The most telling material about this technology came from writings of Zbigniew Brzezinski (former National Security Adviser to US President Carter) and J. F. MacDonald (Science Adviser to US President Johnson and a Professor of Geophysics at UCLA), as they wrote about use of power-beaming transmitters for geophysical and environmental warfare. The documents showed how these effects might be caused, and the negative effects on human health and thinking.

The mental-disruption possibilities for HAARP are the most disturbing. More than 40 pages of the book, with dozens of footnotes, chronicle the work of Harvard professors, military planners and scientists as they plan and test this use of the electromagnetic technology. For example, one of the papers describing this use was from the International Red Cross in Geneva. It even gave the frequency ranges where these effects could occur—the same ranges which HAARP is capable of broadcasting.

The following statement was made more than 25 years ago in a book which Brzezinski wrote while a professor at Columbia University:

Political strategists are tempted to exploit research on the brain and human behaviour. Geophysicist Gordon J. F. MacDonald—specialist in problems of warfare—says accurately-timed, artificially-excited electric strokes 'could lead to a pattern of oscillations that produce relatively high power levels over certain regions of the Earth... In this way, one could develop a system that would seriously impair the brain performance of very large populations in

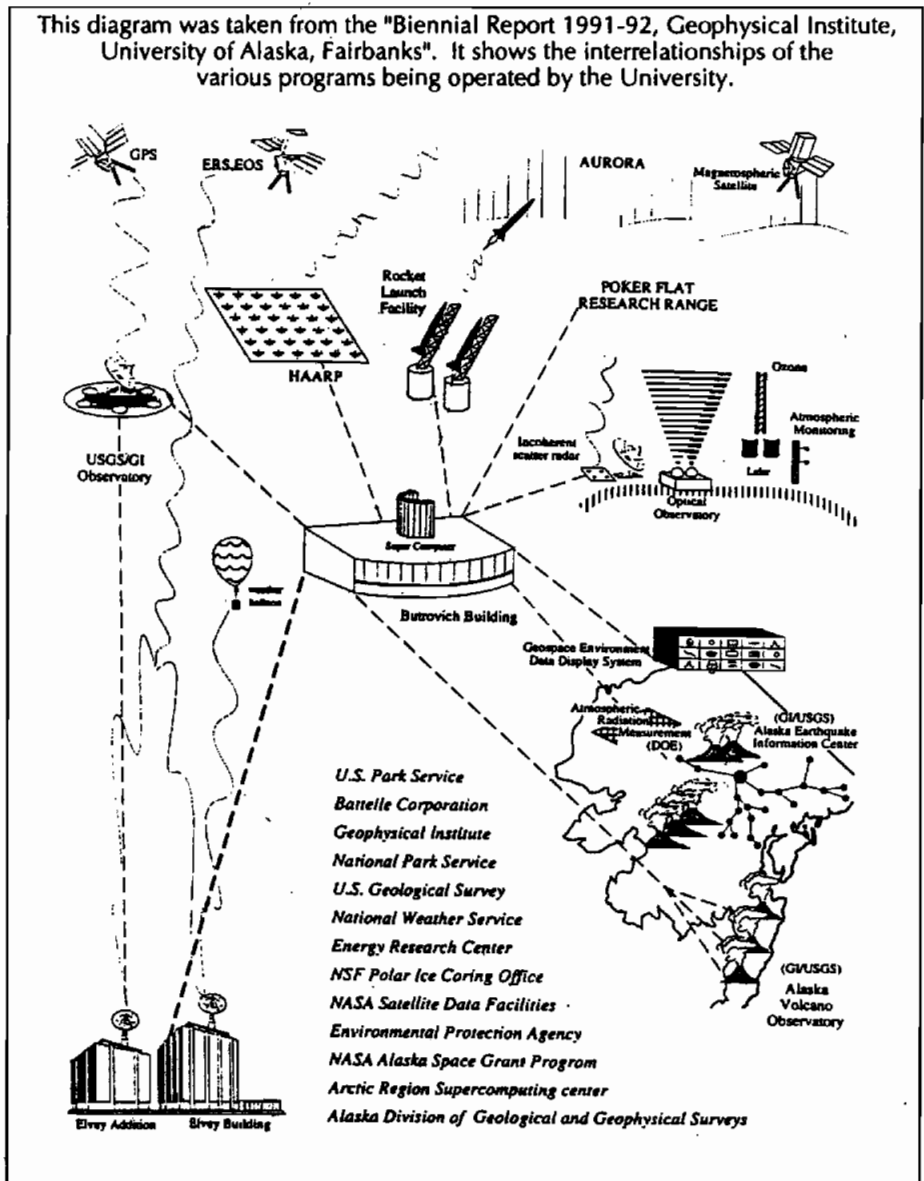
selected regions over an extended period...' No matter how deeply disturbing the thought of using the environment to manipulate behaviour for national advantages, to some the technology permitting such use will very probably develop within the next few decades.

In 1966, MacDonald was a member of the President's Science Advisory Committee and later a member of the President's Council on Environmental Quality. He published papers on the use of environmental control technologies for military purposes. The most profound comment he made as a geophysicist was:

The key to geophysical warfare is the identification of environmental instabilities to which the addition of a small amount of energy would release vastly greater amounts of energy.

While yesterday's geophysicists predicted today's advances, are HAARP program managers delivering on the vision? The geophysicists recognised that adding energy to the environmental soup could have large effects. However, humankind has already added substantial amounts of electromagnetic energy into our environment without understanding what might constitute critical mass. The book by Begich and Manning raises questions. Have these additions been without effect, or is there a cumulative amount beyond which irreparable damage can be done? Is

This diagram was taken from the "Biennial Report 1991-92, Geophysical Institute, University of Alaska, Fairbanks". It shows the interrelationships of the various programs being operated by the University.



HAARP another step in a journey from which we cannot turn back? Are we about to embark on another energy experiment which unleashes another set of demons from Pandora's box?

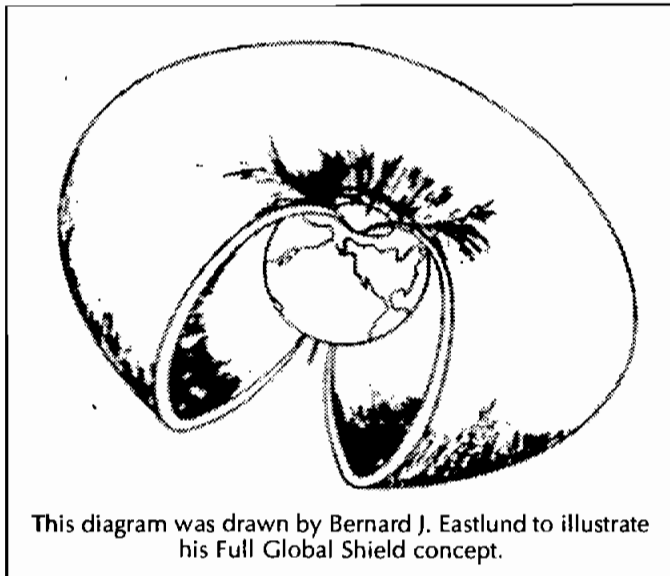
As early as 1970, Zbigniew Brzezinski predicted a "more controlled and directed society" would gradually appear, linked to technology. This society would be dominated by an elite group which impresses voters by allegedly superior scientific know-how. *Angels Don't Play This HAARP* further quotes Brzezinski:

Unhindered by the restraints of traditional liberal values, this elite would not hesitate to achieve its political ends by using the latest modern techniques for influencing public behaviour and keeping society under close surveillance and control. Technical and scientific momentum would then feed on the situation it exploits.

His forecasts proved accurate. Today, a number of new tools for the "elite" are emerging, and the temptation to use them increases steadily. The policies to permit the tools to be used are already in place. How could the United States be changed, bit by bit, into the predicted, highly-controlled technosociety? Among the 'stepping stones' Brzezinski expected were persisting social crises and use of the mass media to gain the public's confidence.

In another document prepared by the government, the US Air Force claims:

The potential applications of artificial electromagnetic fields are wide-ranging and can be used in many military or quasi-military situations... Some of these potential uses include dealing with terrorist groups, crowd control, controlling breaches of security at military installations, and antipersonnel techniques in tactical warfare. In all of these cases the EM (electromagnetic) systems would be used to produce mild to severe physiological disruption or perceptual distortion or disorientation. In addition, the ability of individuals to function could be degraded to such a point that they would be combat-ineffective. Another advantage of electromagnetic systems is that they can provide coverage over large areas with a single system. They are silent, and countermeasures to them may be difficult to develop... One last area where electromagnetic radiation may prove of some value is in enhancing abili-



This diagram was drawn by Bernard J. Eastlund to illustrate his Full Global Shield concept.

ties of individuals for anomalous phenomena.

Do these comments point to uses already somewhat developed? The author of the government report refers to an earlier Air Force document about the uses of radio-frequency radiation in combat situations. (Here, Begich and Manning note that HAARP is the most versatile and the largest radio-frequency radiation transmitter in the world.)

The United States congressional record deals with the use of HAARP for penetrating the Earth with signals bounced off the ionosphere. These signals are used to look inside the planet to a depth of many kilometres in order to locate underground munitions, minerals and tunnels. For 1996, the US Senate has set aside US\$15 million to develop this ability alone: Earth-penetrating tomography.

The problem is that the frequency needed for Earth-penetrating radiations is within the frequency range most cited for disruption of human mental functions. It may also have profound effects on migration patterns of fish and wild animals which rely on an undisturbed energy field to find their routes.

As if electromagnetic pulses in the sky and mental disruption were not enough, Eastlund bragged that the superpowerful ionospheric heater could control weather.

Begich and Manning brought to light government documents indicating that the military has weather-control technology. When HAARP is eventually built to its full power level, it could create weather effects over entire hemispheres. If one government experiments with the world's weather patterns, what is done in one place will impact everyone else on the planet. *Angels Don't Play This HAARP* explains a principle behind some of Nikola Tesla's inventions—resonance—which affects planetary systems.

BUBBLE OF ELECTRIC PARTICLES

Angels Don't Play This HAARP includes interviews with independent scientists such as Elizabeth Rauscher. She has a Ph.D., a long and impressive career in high-energy physics, and has been published in prestigious science journals and books. Rauscher commented on HAARP:

You're pumping tremendous energy into an extremely delicate molecular configuration that comprises these multi-layers we call the ionosphere.

The ionosphere is prone to catalytic reactions, she explained: if a small part is changed, a major change in the ionosphere can happen. In describing the ionosphere as a delicately balanced system, Dr Rauscher shared her mental picture of it: a soap-bubble-like sphere surrounding Earth's atmosphere, with movements swirling over the surface of the bubble. If a big enough hole is punched through it, she predicts it could pop.

SLICING THE IONOSPHERE

Physicist Daniel Winter, Ph.D., of Waynesville, North Carolina, says HAARP high-frequency emissions can couple with the long-wave (low-frequency or ELF) pulses the Earth grid uses to distribute information as vibrations to synchronise dances of life in the biosphere. Dan terms this geomagnetic action "Earth's information bloodstream", and says it is likely that coupling of HAARP HF (high frequency) with natural ELF (extremely low frequency) can cause unplanned, unsuspected side-effects.

David Yarrow of Albany, New York, is a researcher with a background in electronics. He described possible interactions of HAARP radiations with the ionosphere and Earth's magnetic grid:

HAARP will not burn 'holes' in the ionosphere. That is a dangerous understatement of what HAARP's giant gigawatt beam will do. Earth is spinning relative to thin electric shells of the multi-layer membrane of 'iono-spheres' that absorb and shield Earth's surface from intense solar radiation, including charged particle storms in solar winds erupting from the Sun. Earth's axial spin means that HAARP—in a burst lasting more than a few minutes—will slice through the ionosphere like a microwave knife. This produces not a hole, but a long tear—an incision.

CRUDELY PLUCKING THE STRINGS

Second concept: As Earth rotates, HAARP will slice across geomagnetic flux...a donut-shaped spool of magnetic strings—like longitude meridians [on maps]. HAARP may not 'cut' these strings in Gaia's magnetic mantle, but will pulse each thread with harsh, out-of-harmony high frequencies. These noisy impulses will vibrate geomagnetic flux lines, sending vibrations all through the geomagnetic web.

The image comes to mind of a spider on its web. An insect lands, and the web's vibrations alert the spider to possible prey. HAARP will be a manmade microwave finger poking at the web, sending out confusing signals, if not tearing holes in the threads.

Effects of this interference with symphonies of Gaia's geomagnetic harp are unknown, and I suspect barely thought of. Even if thought of, the intent [of HAARP] is to learn to exploit any effects, not to play in tune to global symphonies.

FEVERISH EARTH

Among other researchers quoted is Paul Schaefer of Kansas City. His degree is in electrical engineering and he spent four years building nuclear weapons. He says:

But most of the theories that we have been taught by scientists to believe in seem to be falling apart.

Schaefer talks about imbalances already caused by the industrial and atomic age, especially by radiation of large numbers of tiny, high-velocity particles "like very small spinning tops" into our environment. The unnatural level of motion of highly energetic particles in the atmosphere and in radiation belts surrounding Earth is the villain in weather disruptions, according to this model which describes an Earth discharging its build-up of heat, relieving stress and regaining a balanced condition through earthquakes and volcanic action:

One might compare the abnormal energetic state of the Earth and its atmosphere to a car battery which has become overcharged with the normal flow of energy jammed up, resulting in hot spots, electrical arcing, physical cracks and general turbulence as the pent-up energy tries to find some place to go.

In a second analogy, Schaefer says:

Unless we desire the death of our planet, we must end the production of unstable particles which are generating the Earth's fever. A first priority to prevent this disaster would be to shut down all nuclear power plants and end the testing of atomic weapons, electronic warfare and "Star Wars".

Meanwhile, the military builds its biggest ionospheric heater yet, deliberately to create more instabilities in a huge plasma layer—the ionosphere—and to rev up the energy level of charged particles.

ELECTRONIC RAIN FROM THE SKY

The military has published papers about electron precipitation from the magnetosphere (the outer belts of charged particles which stream toward Earth's magnetic poles) caused by manmade very-low-frequency electromagnetic waves:

These precipitated particles can produce secondary ionisation, emit X-rays, and cause significant perturbation in the lower ionosphere.

Two Stanford University radio scientists offer evidence of what technology can do to affect the sky by making waves on Earth.

They showed that very-low-frequency radio waves can vibrate the magnetosphere and cause high-energy particles to cascade into the Earth's atmosphere. By turning the signal on or off, they could stop the flow of energetic particles.

WEATHER CONTROL

Avalanches of energy dislodged by such radio waves could hit us hard. Their work suggests that technicians could control global weather by send-

ing relatively small 'signals' into the Van Allen belts (radiation belts around Earth). Thus Tesla's resonance effects can control enormous energies by tiny triggering signals.

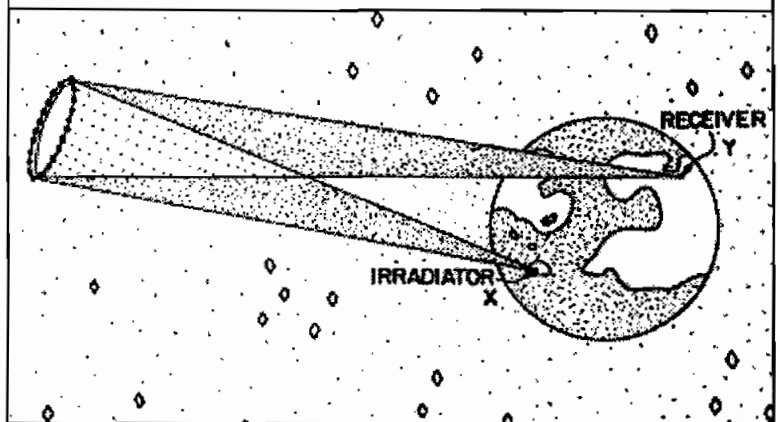
The Begich/Manning book asks whether that knowledge will be used by war-oriented or biosphere-oriented scientists.

The military has had about 20 years to work on weather warfare methods, which it euphemistically calls weather modification. For example, rainmaking technology was taken for a few test rides in Vietnam. The US Department of Defense sampled lightning and hurricane manipulation studies in *Project Skyfire* and *Project Stormfury*. And they looked at some complicated technologies that would give big effects. *Angels Don't Play This HAARP* cites an expert who says the military studied both lasers and chemicals which they figured could damage the ozone layer over an enemy.

"The key to geophysical warfare is the identification of environmental instabilities to which the addition of a small amount of energy would release vastly greater amounts of energy."

— Prof. Gordon J. F. MacDonald

US Patent #5,202,689, dated April 13, 1993. This diagram shows part of the power beaming system described in the patents. It shows an energy beam being directed from the Earth into space and bounced to a remote location, thereby providing power to a point where it would otherwise not be available.



Looking at ways to cause earthquakes, as well as to detect them, was part of the project named *Prime Argus*, decades ago. The money for that came from the Defense Advanced Research Projects Agency (DARPA, now under the acronym ARPA).

In 1994 the US Air Force revealed its *Spacecast 2020* master plan which includes weather control. Scientists have experimented with weather control since the 1940s, but *Spacecast 2020* noted that "using environmental modification techniques to destroy, damage or injure another state [is] prohibited". Having said that, the Air Force claimed that technological advance "compels a re-examination of this sensitive and potentially risky topic".

FORTY YEARS OF ZAPPING THE SKY?

As far back as 1958, the chief White House adviser on weather modification, Captain Howard T. Orville, said the US Department of Defense was studying "ways to manipulate the charges of the Earth and sky and so affect the weather" by using an electronic beam to ionise or de-ionise the atmosphere over a given area.

In 1966, Professor Gordon J. F. MacDonald was Associate Director of the Institute of Geophysics and Planetary Physics at the University of California, Los Angeles, was a member of the President's Science Advisory Committee, and later a member of the President's Council on Environmental Quality. He published papers on the use of environmental control technologies for military purposes. MacDonald made a revealing comment:

The key to geophysical warfare is the identification of environmental instabilities to which the addition of a small amount of energy would release vastly greater amounts of energy.

World-recognised scientist MacDonald had a number of ideas for using the environment as a weapon system and he contributed to what was, at the time, the dream of a futurist. When he wrote his chapter, "How to Wreck the Environment", for the book, *Unless Peace Comes*, he was not kidding around. In it he describes the use of weather manipulation, climate modification, polar ice-cap melting or destabilisation, ozone depletion techniques, earthquake engineering, ocean wave control and brain-wave manipulation using the planet's energy fields. He also said that these types of weapons would be developed and, when used, would be virtually undetectable by their victims. Is HAARP that weapon? The military's intention to do environmental engineering is well-documented.

US Congress's subcommittee hearings on Oceans and International Environment looked into military weather and climate modification conducted in the early 1970s. "What emerged was an awesome picture of far-ranging research and experimentation by the Department of Defense into ways environmental tampering could be used as a weapon," said another author cited in *Angels Don't Play This HAARP*.

The revealed secrets surprised legislators. Would an inquiry into the state of the art of electromagnetic manipulation surprise lawmakers today? They may find out that technologies developed out of the HAARP experiments in Alaska could deliver on Gordon

MacDonald's vision, because leading-edge scientists are describing global weather as not only air pressure and thermal systems but also as an electrical system.

SMALL INPUT, BIG EFFECT

HAARP zaps the ionosphere where it is relatively unstable. A point to remember is that the ionosphere is an active electrical shield protecting the planet from the constant bombardment of high-energy particles from space. This conducting plasma, along with Earth's magnetic field, traps the electrical plasma of space and holds it back from going directly to the Earth's surface, says Charles Yost of Dynamic Systems, Leicester, North Carolina:

If the ionosphere is greatly disturbed, the atmosphere below is subsequently disturbed.

Another scientist interviewed said there is a superpowerful electrical connection between the ionosphere and the part of the atmosphere where our weather comes onstage: the lower atmosphere.

One manmade electrical effect—power-line harmonic resonance—causes fallout of charged particles from the Van Allen (radiation) belts, and the falling ions cause ice crystals which precipitate rain clouds.

What about HAARP? Energy blasted upward from an ionospheric heater is not much compared to the total in the ionosphere, but HAARP documents admit that thousandfold greater amounts of energy can be released in the ionosphere than injected. As with MacDonald's "key to geophysical warfare", "nonlinear" effects (described in the literature about the ionospheric heater) mean small input and large output.

Astrophysicist Adam Trombly told Manning that an acupuncture model is one way to look at the possible effect of multi-gigawatt pulsing of the ionosphere. If HAARP hits certain points, those parts of the ionosphere could react in surprising ways.

Smaller ionospheric heaters such as the one at Arecibo are underneath relatively placid regions of the ionosphere compared to the dynamic movements nearer Earth's magnetic poles. That adds another uncertainty to HAARP: the unpredictable and lively upper atmosphere near the North Pole.

HAARP experimenters do not impress common-sense Alaskans such as Barbara Zickuhr, who says:

They're like boys playing with a sharp stick, finding a sleeping bear and poking it in the butt to see what's going to happen.

COULD THEY SHORT-CIRCUIT THE EARTH?

Earth as a spherical electrical system is a fairly well-accepted model. However, those experimenters who want to make unnatural power connections between parts of this system might not be thinking of possible consequences. Electrical motors and generators can be caused to wobble when their circuits are affected. Could human activities cause a significant change in a planet's electrical circuit or electrical field? A paper in the respected journal *Science* deals with manmade ionisation from radioactive mate-

As far back as 1958, the chief White House adviser on weather modification, Captain Howard T. Orville, said the US Department of Defense was studying "ways to manipulate the charges of the Earth and sky and so affect the weather" by using an electronic beam to ionise or de-ionise the atmosphere over a given area.

Continued on page 83

SONIC BLOOM

A Growing Success Story

Achieving record plant yields with its mix of sound waves and organic nutrients, Sonic Bloom could revolutionise world food production and end starvation if widely adopted.

© 1995 by Stephen Jones

Jones Horticultural
Old House Road
R. D. 2 Upper Moutere
Nelson, New Zealand
Ph: +64 (0)3 543 2046
Fax: +64 (0)3 543 2183

NEXUS readers will recall the amazing article which appeared in the December 1993-January 1994 issue [vol. 2, no. 17], entitled "Miracle Plants from Sound Waves!", describing Sonic Bloom®—the radical plant growth method involving application of a specially developed organic foliar nutrient spray together with an oscillating sound frequency.

The theory behind the technique is that plants open their surface pores or stomata when stimulated by certain sounds. During and after a serenade of pulsed chirps and whistles (for the plants) mixed with various classical musical selections (for the humans), the nutrient, consisting of 55 trace minerals, amino acids and seaweed, is sprayed onto the plant's surface.

World-record crops (including a listing in "The Guinness Book of World Records" for the largest indoor plant) were cited amongst other claims which, for some people's minds, bordered on the bizarre. Could this truly be the answer to end world hunger and reforest the planet, or are these claims just fantasy in the mind of the inventor, Dan Carlson? After all, Sonic Bloom was invented years ago—but if it works so well, why didn't we hear about it sooner and why aren't more people using the system? The answers to these questions unfold in this latest update from Stephen Jones, organic pip-fruit grower and importer to Australia and New Zealand.

Since reading about Sonic Bloom in the fascinating book, *Secrets of the Soil*, I visited the inventor in the US and met with some growers who had been using the system. Thoroughly impressed, I decided to bring back to New Zealand the sound generator and enough of the 'magic potion' to try out on our 3,000 organic apple and pear trees. It worked a treat, and I found myself with superior, disease-free, crisp juicy apples. Several months and a NEXUS article later [vol. 2, no. 18], I found myself introducing the method to commercial growers and home gardeners throughout Australia and New Zealand.

Thanks to a few enterprising people, distributors were found and there were enough free-thinking conventional commercial growers willing to embrace the Sonic Bloom method. Many of them had been inspired by documented trials done in the US by the US Department of Agriculture, Albton Laboratories, *Acres, USA*, Professional Farmers of America, *Landowner Magazine* and a host of American growers. However, there were doubts in the minds of many people as to how well Sonic Bloom would perform 'down under'. Initially, I don't think that we encountered anyone who thought that it could live up to or exceed all the claims lauded by the inventor.

Commercial growers and home gardeners were soon reporting their successes with Sonic Bloom. Some were thrilled to grow crops successfully for the first time ever and to grow abundant, superior-tasting fruits and vegetables. Stories abound of unbelievable yields, and growing such things as strawberries, beans and tomatoes, for instance, right through and beyond the normal growing season. Others tell of fruit trees and vines fruiting in abundance for the first time after years of no yields whatsoever. Almost everyone reported how they had encountered little or no pest or disease problems. For home gardeners, though, perhaps the greatest benefit to them is the unbelievable taste of fruits and vegetables treated with Sonic Bloom. Suddenly they find themselves with strawberries, tomatoes and apples tasting like they used to many years ago. Even Parker strawberries—a large Californian variety noted for its bland taste and appearance—take on even bigger proportions and look and taste fantastic. Flavour is back!

After Easter, and armed with an Australian film crew, we toured New Zealand and Australia to capture on film a small sample of commercial growing successes encountered after one season's use. We began south of Auckland and with Barry Gregory, a capsicum

grower. His capsicums grew so well that he actually had to stop using Sonic Bloom for a month while he increased the height and strength of the growing frames to handle the extra growth and weight of the fruit! At the time of filming, Barry's yields were already up 50 per cent and the plants showed no signs of slowing down, even though it was late in the season and the glasshouses were not heated. Wherever there was room for a flower or a fruit on the plants, there were some. The fruit were large and really sweet-tasting, and Barry found that the vigour was such that he was unable to leave the green capsicums on until they turned red before harvesting. At the time of filming, the price for red capsicums versus green ones was almost double.

We then travelled further north and filmed Brent Baldwin on his persimmon orchard. There we witnessed and filmed first-year persimmon trees bearing fruit, something which Brent and his foreman of 15 years' experience had never ever seen before. Persimmons normally do not bear fruit until four or five years. His established trees were looking great, too, and Brent estimated that his yields were up considerably on last year's and were perhaps two to three weeks earlier in maturity. This was a big factor for persimmon growers where frosts just prior to harvest can wipe out a year's work and income. Last year, without Sonic Bloom, Brent lost NZ\$40,000 worth of produce to frost.

A ridiculously early morning flight saw us in Christchurch on a cold Sunday morning where we were greeted by Colin Marshall, a successful organic grape grower. The sight of his vineyard soon made amends for the temperature, however, and we filmed many different wine varieties absolutely loaded with delicious bunches of grapes. Colin has two-year-old plantings loaded with fruit, when production would not normally begin occurring until the fourth year. Normally slow-growing varieties were rocketing away and Colin noted that his vines have had hardly any disease problems at all this season since he began using Sonic Bloom. Colin and his wife Norma are keen home gardeners, too, and we were shown potatoes and carrots which they had never previously been able to grow there, as well as beans, silver beet and zucchini. The Marshalls couldn't believe the amount of vegetables that they have been able to grow with Sonic Bloom, and their neighbours and friends are reaping the benefits from the surplus grown, some of it out of season. Their silver beet, for instance, was enormous! I pulled one stalk out of the ground which must have been at least 1.2 metres high, and it fed six of us for lunch. The taste of the silver beet and the carrots was sensational. You just can't beat a chemical-free, Sonic Bloom-treated carrot for sweetness!

Northern New South Wales was our next stop, and we had the pleasure of meeting Stephen Fueglar, sugar cane and soybean grower. We counted up to 260 soybean pods per plant where 35 to 40 is normal, and his crop was estimated to be one month earlier in maturity compared to his neighbour's. The sugar cane was still months away from harvest but early indications looked promising.

From there we travelled by road through the picturesque town of Alstonville to meet Brian, a commercial flower grower. Very experienced and successful, Brian did not think that Sonic Bloom could improve on what he was already doing, but luckily for us he was astute enough to try it at least. We had arrived the week

before Mother's Day, so the greenhouses were filled with a sea of striking colour: thousands upon thousands of chrysanthemums and carnations all waiting to be picked and packed for florists.

Since using Sonic Bloom, Brian has reduced the time it normally takes to raise the plant from seed to cut-flower stage. His previous ten-week cycle is now down to only six weeks. By treating seeds with the organic nutrient and running the sound unit, germination is speeded up to the point where he is transplanting large seedlings after 17 days instead of four to six weeks. Not only has turnaround time been reduced dramatically (therefore more crops per season) but also the plants are yielding twice as many blooms. Instead of two plants making one bunch of cut flowers, one plant will now make one bunch or more of cut flowers.

Before leaving, Brian showed us some nine-month-old eucalyptus trees which he grows for decorative foliage. These six-inch seedlings had grown to 14 feet in nine months after only five sprays. That's pretty amazing in my book!

Queensland then became the focus of our attention, and we found ourselves on top of Mount Tamborine with Evelyn Green, a

delightful lady growing organic produce for the neighbouring Songbirds Restaurant, set amongst the rainforest and visited by many overseas tourists. The vegetables are hand-picked from Evelyn's gardens by the chef and his helpers and served at the tables within an hour or two. Evelyn is now able to grow tomatoes outdoors right through the winter with Sonic Bloom.

From the lush rainforest we journeyed into drought country to visit Alan McDougall, a silver

beet, zucchini and exotic vegetable grower. The only grower in his area, Alan's property has very poor soil and a dam that has run dry owing to no significant rainfall for the past four or five years. Despite these adverse conditions, Alan has been able to grow exceptional quality vegetables, and much of his success he attributes to Sonic Bloom. He has never seen silver beet grow and mature so quickly, nor zucchinis continue to produce so heavily for so long. Interestingly, zucchini virus, which used to plague his older plantings, has miraculously disappeared since Alan introduced the method.

We called in at Noosa to view some strawberry plants which had produced for nine months of the year outdoors, and with no sprays other than Sonic Bloom. Though the only leaf damage we witnessed was the result of a recent hailstorm, the plants and their new runners were growing vigorously. What is normally a pale, fleshy, bland-tasting strawberry transforms itself into a rich, red, juicy and flavoursome fruit. Bowls of these strawberries were displayed at various agricultural shows in 1995, and most samplers could not believe these fruit were the Parker variety because they were so sweet and juicy with excellent colour. Many commented that this is how they remembered strawberries tasting when they were children.

An hour or so out of Noosa brought us to a citrus orchard and Kurt, an organic grower who had trialled Sonic Bloom and cited a triple yield-increase despite several months of drought. From

The theory behind the technique is that plants open their surface pores or stomata when stimulated by certain sounds.

During and after a serenade of pulsed chirps and whistles (for the plants) mixed with various classical musical selections (for the humans), the nutrient, consisting of 55 trace minerals, amino acids and seaweed, is sprayed onto the plant's surface.

The results speak for themselves!

there we visited a pawpaw farm and palm nursery all rolled into one, with an absolutely majestic setting of exotic palm trees, mountains in the background, and a kilometre of lake frontage. Pawpaw harvesting had only just begun, but early indications suggested a 20 per cent yield increase and better taste. For a pawpaw grower, a 20 per cent increase is very significant, especially when you are already the top-producing grower. We suspect that with continued use of Sonic Bloom, these yields will increase even more next season.

The palm nursery was impressive, and the exciting news from the seed room was that some varieties of palm seeds, which can take six months to germinate, have been germinated with Sonic Bloom in as little as three-and-a-half months. We are encouraging the owners to treat the parent trees from which they gather the seeds. This will not only result in more seeds, but those seeds should result in superior seedlings. If overseas experience is anything to go by, the seeds will germinate and grow faster and become better specimens than their parents.

For me, the Queensland tour ended with Laurie, a macadamia nut grower, who, despite no irrigation and a five-month drought during the crucial growing period, ended up with a crop instead of nothing at all. In these harsh conditions, macadamia trees would normally abort their fruit. We can hardly wait to see the effects of Sonic Bloom on his trees next season when the carry-over benefits from this year and the full spray program next year should see Laurie with a dramatic yield increase. As in the overseas experience, we expect his trees to set 20 or more nuts per raceme instead of just a few. The financial gains to be had here are astounding.

There were a host of other successes which we would have loved to film, such as the two-year-old pine-tree trial in southern NSW by Des Priestly, a tree nursery and land owner as well as respected authority on forestry. The Sonic Bloom-treated trees attained almost double the height of the untreated trees after only four sprays of the nutrient. (The treated trees still got the benefit of the sound, of course, but it is impossible to run a trial of this nature and separate the sound.)

The implications of this sort of rapid growth for reforesting the planet are enormous. I know of no other way in which we can quickly replace the thousands of square miles of rainforest which are indeed the lungs of our planet and are being ripped out at a frightening rate.

Bruce Loveday, a Queensland mango grower, produced his best crop ever last season despite a crippling drought. Bruce experienced a marvellous crop increase and exceptionally sweet fruit. "I normally apply 730 litres of water per tree per week during the growing season, but this year I was only able to supply them with 70 litres per week, with none at all some weeks." The hidden factor, Bruce believes, is the Sonic Bloom. "A couple of old blokes who are mango freaks said my fruit was the best they had ever tasted."

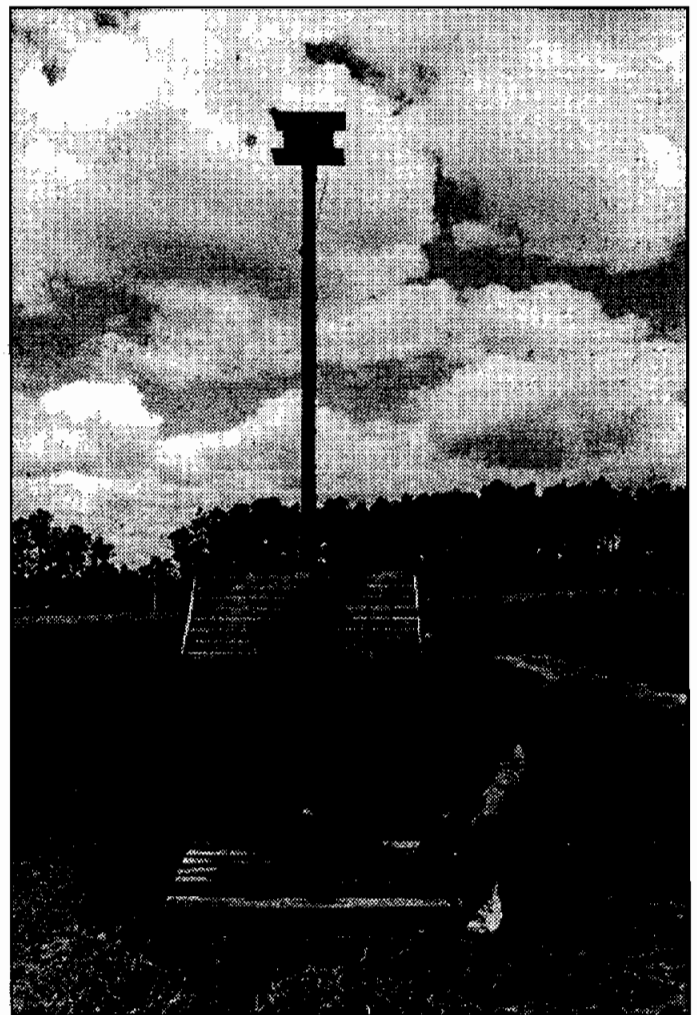
Time prevented us from filming the South Australian medicinal herb growers who are reporting significant increases in nutritional values of Sonic Bloom-treated plants. One grower makes one of the anti-cancer medicines using the kernel of the black walnut and wormwood. This remedy featured in an earlier issue of NEXUS Magazine [see vol 2, no. 22]. The grower claims that the extract from the nuts of Sonic Bloom-treated trees is a rich, thick, dark-coloured liquid, quite different from the normal thin pale brown extract derived from trees not treated with the process. He has analysed the extract and discovered that the treated extract is four times more potent! This means that he now requires one quarter less of this hard-to-get extract when combining it with the other ingredients which make up this remedy.

In South Australia there is a cancer clinic in which part of the

therapy is in diet, and so patients are fed on organic Sonic Bloom-treated produce. The highest nutritional values of such food is believed to assist greatly in the cure of cancer when combined with other treatments.

There were other crop successes which we wanted to cover, too; however, many people were not willing to share their experiences. Sadly, there are growers out there who are having tremendous successes with the method but are reluctant to share their findings for fear of losing what they see as a marketing edge. Factors like earlier maturity, higher nutritional content, superior taste and substantial yield increases can make a huge financial difference to any grower. We initially thought that word of mouth amongst growers would be our best advertising, but the reality is that growers are fiercely competitive and many wish to keep their secrets to themselves for as long as possible.

However, I feel that everybody would benefit from more growers using Sonic Bloom. The overall quality and image of fruit and vegetables could be raised to such an extent that customers would buy and eat much more than they currently do. How many customers spend good money on fruit and vegetables at the supermarket, only to find to their dismay that the produce is in poor condition or tastes terrible? With exported fruit and vegetables, of course, every grower would win by using Sonic Bloom because the standard of Australian and NZ produce would be raised to such a degree that other countries would actively seek out everything we could produce, and pay a premium for it.



A commercial-size Sonic Bloom sound unit, set up at Caboolture, south-east Queensland, Australia.

After Australia, I felt compelled to visit Hawaii where Sonic Bloom has also made its mark. The Hawaiian Islands are indeed a tropical paradise, yet most of their fruit and vegetables are brought in from mainland USA while vast tracts of land lie vacant—something which I find astounding given the climate and rainfall. Sonic Bloom has made its presence felt here in several ways. Years ago, Dan leased land here and trialled the technique on a wide range of fruit and vegetables with astounding success.

Most of my time was spent on the island of Kauai where escapist movies like *Jurassic Park* and *South Pacific* were filmed. To balance that out, a reality by the name of Hurricane Nicki came along and totally devastated the entire island in September 1993. People were homeless and without electricity for months. Hardly a power pole was left standing, and those trees which weren't blown over lost all their branches. You don't need to see the video of that hurricane or imagine the 220 mph winds that swept the island to know Kauai got hit really hard. Evidence of that real-life horror story is still present today with unrepaired buildings, shipping containers on front lawns, and Norfolk pines with short new branches from top to bottom trying desperately to reclaim some dignity.

It was wonderful to see the considerable number of organic farmers and the variety and high standard of fruit and vegetables being grown, proving that Hawaii could and should be producing most of its own needs.

One of the major lettuce-buyers is now urging his supplying growers to use Sonic Bloom after one of the growers began using the system on his speciality lettuces. They have found that not



A record citrus crop for this farmer!

only do the lettuces taste better, but they are getting at least double the supermarket shelf-life. Everyone wins from this, of course, but the big winners are the consumers.

Ron Mitchell, sprout grower on the Big Island, has been using the method for some time now and reports faster maturity and superior sprouts with an incredibly extended shelf-life. "We are getting up to three-and-a-half-weeks' shelf-life, which is unbelievable. Lettuces are just great, too. We provide a credit and buy-back offer with our clients, so shelf-life is real important to us."

Suzanne Farrow, of the multi-award-winning Keopu Mauka Lani Coffee Company, visited Ron Mitchell's complex, saw the small black Sonic Bloom sound generator box and became really excited. In her words, "the skin on my arms and legs just jumped, and the words of Jeanne Dixon came flooding back". (Jeanne Dixon is one of the world's greatest psychic predictors, and was a friend of Edgar Cayce. Among other things, she is the person who called President Kennedy and warned him not to go to Dallas. He doubled his guard—and the rest is history.)

Suzanne tells how she went to a Jeanne Dixon talk in Phoenix back in 1974 where Jeanne predicted the invention of a black box which would revolutionise food production throughout the world. Abundant, healthy crops would be able to be produced on a fraction of the land normally needed. Jeanne had prayed that it would be invented in America. Could the Sonic Bloom generator be the black box that Jeanne Dixon had prophesied? Suzanne thinks so, and her enthusiasm for coffee-growing has been given a new lease of life.

Other coffee-growers around the world are also keen to use Sonic Bloom after Dan Carlson spoke at the recent Specialty Coffee Association meeting in Minneapolis. This worldwide association represents 26,000 square miles of coffee plantings, and almost everyone is searching for sweetness and fullness of flavour in their coffee.

We are truly grateful for those wonderful pioneering growers who were prepared to embrace what, to many, seems a radical new technology, and then share their experiences with Sonic Bloom for the benefit of all. They can see its promise for the world and feel that more people should know about it.

Dan Carlson has refused to sell his patented method and secret recipe to any corporation in the belief that the concept would be squashed or put on the shelf, never to be seen again. Being an inventor and not having the backing or advertising budget along the lines of Coca-Cola or McDonalds means that, up until now, Sonic Bloom has not been seriously marketed in the US, let alone the rest of the world. With the politics of the US being such that many growers are being paid by the government **not** to grow, and with the requirement that agricultural products be registered at great expense on a state-by-state basis, Sonic Bloom is likely to be more widely used and accepted everywhere else in the world before it gains its rightful place in the country where it was invented.

The good news is that Sonic Bloom appears to be on the verge of being an overnight 20-year success story, as people around the globe are becoming more open-minded to this type of technology while others are demanding better quality food and less environmental damage. Even governments around the world are taking notice of what Sonic Bloom has to offer (a summary of its benefits was recently tabled in the Australian Parliament).

Thanks to the support of a dedicated bunch of crusaders, including NEXUS Magazine, Sonic Bloom may indeed help save the planet and its inhabitants. ∞

For more information on where to find Sonic Bloom in your country, please refer to the inside back cover of this issue.

The Bitter Truth About ARTIFICIAL SWEETENERS

Despite aspartame's dangerous side-effects, the US FDA continues to approve it while food and drug manufacturers find more ways to use it.

Are the facts being deliberately concealed from consumers?

Part 2

© 1995 by Mark D. Gold

35 Inman St, Cambridge, MA 02139, USA
Phone: (617) 497 7843
E-mail: mgold@tiac.net
Web page: <http://www.tiac.net/mgold/users/health.html>

Extracted with permission from:
Blazing Tattles
Vol. 4, Nos. 4, 5, 6, April-June 1995

In the mid-1970s it was discovered that the manufacturer of aspartame falsified studies in several ways. One of the techniques used was to cut tumours out of test animals and put the animals back in the study. Another technique used to falsify the studies was to list animals that had actually died as surviving the study. Thus, the data on brain tumours was likely worse than discussed above. In addition, Raymond Schroeder, a former employee of the manufacturer of aspartame, told the FDA on 13th July 1977 that the particles of DKP were so large that the rats could discriminate between the DKP and their normal diet.¹⁷

It is interesting to note that the incidence of brain tumours in persons over 65 years of age has increased 67 per cent between the years 1973 and 1990. Brain tumours in all age-groups have jumped 10 per cent. The greatest increase has come during the years 1985 to 1987.¹⁸ In his book, *Aspartame (NutraSweet): Is it Safe?*, H. J. Roberts, M.D. gives evidence that aspartame can cause a particularly dangerous form of cancer: primary lymphoma of the brain.

Diabetes

The American Diabetes Association (ADA) is actually recommending this chemical poison to persons with diabetes. According to research conducted by H. J. Roberts (a diabetes specialist, member of the ADA and an authority on artificial sweeteners), aspartame:

- 1) leads to the precipitation of clinical diabetes;
- 2) causes poorer diabetic control in diabetics on insulin or oral drugs;
- 3) leads to the aggravation of diabetic complications such as retinopathy, cataracts, neuropathy and gastroparesis;
- 4) causes convulsions.

In a statement concerning the use of products containing aspartame by persons with diabetes and hypoglycaemia, Roberts says:

Unfortunately, many patients in my practice, and others seen in consultation, developed serious metabolic, neurologic and other complications that could be specifically attributed to using aspartame products.

This was evidenced by the loss of diabetic control, the intensification of hypoglycaemia, the occurrence of presumed 'insulin reactions' (including convulsions) that proved to be aspartame reactions, and the precipitation, aggravation or simulation of diabetic complications (especially impaired vision and neuropathy) while using these products.

Dramatic improvement of such features [occurs] after avoiding aspartame, and the prompt predictable recurrence of these problems [result] when the patient resumed aspartame products, knowingly or inadvertently.

Roberts goes on to say:

I regret the failure of other physicians and the American Diabetes Association to sound appropriate warnings to patients and consumers based on these repeated findings which have been described in my corporate-neutral studies and publications.

Russell Blaylock stated that excitotoxins such as those found in aspartame can precipitate diabetes in persons who are genetically susceptible to the disease.¹⁹

Emotional Disorders

A double-blind study of the effects of aspartame on persons with mood disorders was recently conducted by Dr Ralph G. Walton. Since the study wasn't funded/controlled by the makers of aspartame, The NutraSweet Company refused to sell him the aspartame. Walton was forced to obtain and certify it from an outside source.

The study showed a large increase in serious symptoms for persons taking aspartame. Since some of the symptoms were so serious, the Institutional Review Board had to stop the study. Three of the participants had said that they had been "poisoned" by aspartame.

Walton concludes that:

...individuals with mood disorders are particularly sensitive to this artificial sweetener; its use in this population should be discouraged.²⁰

Aware that the experiment could not be repeated because of the danger to the test subjects, Walton was recently quoted as saying:

I know it causes seizures. I'm convinced also that it definitely causes behavioural changes. I'm very angry that this substance is on the market. I personally question the reliability and validity of any studies funded by The NutraSweet Company.²¹

There are numerous reported cases of low brain serotonin levels, depression and other emotional disorders that have been linked to aspartame and often are relieved by stopping the intake of aspartame. Researchers have pointed out that an increase in phenylalanine levels in the brain, which can and does occur in persons without PKU, leads to a decreased level of the neurotransmitter, serotonin, which leads to a variety of emotional disorders. Dr William M. Pardridge of UCLA testified before the US Senate that a youth drinking four 16-ounce bottles of diet soda per day would have an enormous increase in phenylalanine levels.

Epilepsy/Seizures

With the large and growing number of seizures caused by aspartame, it is sad to see that the Epilepsy Foundation is promoting the 'safety' of aspartame. At Massachusetts Institute of Technology, 80 people were surveyed who had suffered seizures after ingesting aspartame. Community Nutrition Institute concluded the following about the survey:

These 80 cases meet the FDA's own definition of an imminent hazard to the public health, which requires the FDA to expeditiously remove a product from the market.

Both the US Air Force's magazine, *Flying Safety*, and the Navy's magazine, *Navy Physiology*, published articles warning about the many dangers of aspartame including the cumulative deleterious effects of methanol and the greater likelihood of birth defects. The articles note that the ingestion of aspartame can make pilots more susceptible to seizures and vertigo.²²

Articles sounding warnings about ingesting aspartame while flying have also appeared in the *National Business Aircraft Association Digest* (1993), *Aviation Medical Bulletin* (1988), *The Aviation Consumer* (1988), *Canadian General Aviation News* (1990), *Pacific Flyer* (1988), *General Aviation News* (1989), *Aviation Safety Digest* (1989), and *Plane & Pilot* (1990), and a paper warning about aspartame was presented at the 57th Annual Meeting of the Aerospace Medical Association (Gaffney, 1986).

Recently, a hotline was set up for pilots suffering from acute reactions to aspartame ingestion. Over 600 pilots have reported symptoms, including some who have reported suffering *grand mal* seizures in the cockpit due to aspartame.²³

One of the original studies on aspartame was performed in 1969

by an independent scientist, Dr Harry Waisman. He studied the effects of aspartame on infant primates. Out of the seven infant monkeys, one died after 300 days and five others had *grand mal* seizures. Of course, these negative findings were not submitted to the FDA during the approval process.²⁴

WHY DON'T WE HEAR ABOUT THESE THINGS?

The reasons many people do not hear about serious reactions to aspartame are twofold:

1) Lack of awareness by the general population. Aspartame-caused diseases are not reported in the newspapers like plane crashes. This is because these incidents occur **one at a time** in thousands of different locations across the US.

2) Most people do not associate their symptoms with the long-term use of aspartame. For the people who have killed a significant percentage of brain cells and thereby caused a chronic illness, there is no way that they would normally associate such an illness with aspartame consumption. How aspartame was approved is a lesson in how chemical and pharmaceutical companies can manipulate government agencies such as the FDA, 'bribe' organisations such as the American Dietetic Association, and flood the scientific community with flawed and fraudulent industry-sponsored studies funded by the makers of aspartame.

Erik Millstone, a researcher at the Science Policy Research Unit of Sussex University, UK, has compiled thousands

of pages of evidence, some of which has been obtained using the Freedom of Information Act,²⁵ showing:

- 1) Laboratory tests were faked and dangers were concealed.
- 2) Tumours were removed from animals, and animals that had died were 'restored to life' in laboratory records.
- 3) False and misleading statements were made to the FDA.
- 4) The two US attorneys given the task of bringing fraud charges against the aspartame manufacturer took positions with the manufacturer's law firm, letting the statute of limitations run out.
- 5) The Commissioner of the FDA overruled the objections of the FDA's own scientific board of inquiry. Shortly after that decision, he took a position with Burson-Marsteller, the firm in charge of public relations for G. D. Searle.

A Public Board of Inquiry (PBoI) was conducted in 1980. There were three scientists who reviewed the objections of Olney and Turner to the approval of aspartame. They voted unanimously against aspartame's approval. The FDA Commissioner, Dr Arthur Hull Hayes, Jr, then created a five-person Scientific Commission to review the PBoI findings. After it became clear that the Commission would uphold the PBoI's decision by a vote of 3 to 2, another person was added to the Commission, creating a deadlocked vote. This allowed the FDA Commissioner to break the deadlock and approve aspartame for dry goods in 1981.

Dr Jacqueline Verrett, the Senior Scientist in an FDA Bureau of Foods review team created in August 1977 to review the Bressler Report (a report that detailed G. D. Searle's abuses during the pre-approval testing), said:

It was pretty obvious that, somewhere along the line, the bureau officials were working up to a whitewash.

In 1987, Verrett testified before the US Senate, stating that the

Over 600 pilots have reported symptoms, including some who have reported suffering *grand mal* seizures in the cockpit due to aspartame.

experiments conducted by Searle were a "disaster". She said that her team was instructed **not** to comment on or be concerned with the overall validity of the studies. She stated that questions about birth defects have not been answered. She continued her testimony by discussing the fact that DKP has been shown to increase uterine polyps and change blood cholesterol, and that increasing the temperature of the product leads to an increase in production of DKP.²⁶

REVOLVING DOORS

The FDA and the manufacturers of aspartame have had a revolving door of employment for many years. In addition to the FDA Commissioner and two US attorneys leaving to take positions with companies connected with G. D. Searle, four other FDA officials connected with the approval of aspartame took positions connected with the NutraSweet industry between 1979 and 1982, including the Deputy FDA Commissioner, the Special Assistant to the FDA Commissioner, the Associate Director of the Bureau of Foods and Toxicology, and the attorney involved with the Public Board of Inquiry.²⁷

It is important to realise that this type of revolving-door activity has been going on for decades. The *Townsend Letter for Doctors* (11/92) reported on a study revealing that 37 of 49 top FDA officials who left the FDA took positions with companies they had regulated. They also reported that over 150 FDA officials owned stock in drug companies they were assigned to manage.

... a study revealing that 37 of 49 top FDA officials who left the FDA took positions with [drug] companies they had regulated. They also reported that over 150 FDA officials owned stock in drug companies they were assigned to manage.

Many organisations and universities receive large sums of money from companies connected to The NutraSweet Association, a group of companies promoting the use of aspartame. In January 1993, the American Dietetic Association received a US\$75,000 grant from The NutraSweet Company. The American Dietetic Association has stated that The NutraSweet Company writes their "facts" sheets.²⁸ Many other 'independent' organisations and researchers receive large sums of money from the manufacturers of aspartame. The American Diabetes Association received a large amount of money from NutraSweet, including money to run a cooking school in Chicago (presumably to teach diabetics how to use NutraSweet in their cooking).

A researcher in New England who pointed out the dangers of aspartame in the past is now a Monsanto consultant. Another researcher in the south-eastern US testified about the dangers of aspartame on foetuses. An investigative reporter was told to keep his mouth shut to avoid causing the loss of a large grant from a diet cola manufacturer in the NutraSweet Association.

What is the FDA doing to protect the consumer from the dangers of aspartame? Less than nothing.

In 1992, the FDA approved aspartame for use in malt beverages, breakfast cereals and refrigerated puddings and fillings. In 1993, the FDA approved aspartame for use in hard and soft candies, non-alcoholic flavoured beverages, tea beverages, fruit juices and concentrates, baked goods and baking mixes, and frostings, toppings and fillings for baked goods.

In 1991, the FDA banned the importation of stevia. The powder of the leaf has been used for hundreds of years as an alternative sweetener. It is used widely in Japan with no adverse effects. Scientists involved in reviewing stevia have declared it to be safe for human consumption—something which has been well-known in many parts of the world where it is not banned. Everyone that I have spoken with in regard to this issue believes that stevia was banned to keep the product from taking hold in the US and cutting into sales of aspartame.²⁹

What is the US Congress doing to protect the consumer from the dangers of aspartame? Nothing.

What is the US Administration (President) doing to protect the consumer from the dangers of aspartame? Nothing.

Aspartame consumption is not only a problem in the USA. It is being sold in over 70 countries throughout the world.

ASPARTAME CAN BE FOUND IN:

- instant breakfasts
- breath mints
- cereals
- sugar-free chewing gum
- cocoa mixes
- coffee beverages
- frozen desserts
- gelatin desserts
- juice beverages
- laxatives
- multivitamins
- milk drinks
- pharmaceuticals and supplements
- shake mixes
- soft drinks
- tabletop sweeteners
- tea beverages
- instant teas and coffees
- topping mixes
- wine coolers
- yoghurt

I have been told that aspartame has been found in products where it is **not** listed on the label. One must be particularly careful of pharmaceuticals and supplements. I have been informed that even some supplements made by well-known supplement manufacturers such as Twinlabs contain aspartame.

The information I have related above is just the tip of the iceberg in terms of damaging information about aspartame. In order for the reader to find out more, I have included some resources below.

Footnotes:

17. FDA Searle Investigation Task Force, "Final Report of Investigation of G. D. Searle Company", 24 March 1976.
18. National Cancer Institute SEER Program Data.
19. FDA Adverse Reaction Monitoring System.
20. Walton, Ralph G., Robert Hudak, Ruth Green-Waite, "Adverse Reactions to Aspartame: Double-Blind Challenge in Patients from a Vulnerable Population", *Biological Psychiatry* (1993), 34:13-17.
21. Mullarkey, Barbara, "How Safe Is Your Artificial Sweetener?", *Informed Consent Magazine*, September/October 1994.
22. US Air Force, "Aspartame Alert", *Flying Safety*, 48(5):20-21, May 1992.
23. Reported by the Aspartame Consumer Safety Network.
24. Mullarkey, Barbara (ed.), *Bittersweet Aspartame: A Diet Delusion*.
25. Millstone, Eric, "Sweet and Sour", *The Ecologist*, no. 25, March/April 1994.
26. Testimony of Dr Jacqueline Verrett, FDA Toxicologist, before the US Senate Committee on Labor and Human Resources, 3 November 1987.
27. Stoddard, Mary Nash (ed.), *The Deadly Deception*, Aspartame Consumer Safety Network.
28. *ADA Courier*, vol. 32, no. 1, January 1993.
29. Blumenthal, Mark, "FDA Rejects AHPA Stevia Petition", *Whole Foods*, April 1994.

References:

- (* Note: Most titles available from the Aspartame Consumer Safety Network.)
- Blaylock, Russell L., *Excitotoxins: The Taste That Kills*, Health Press, Santa Fe, New Mexico, USA, 1994. (One of the best books available on excitotoxins; well worth reading!)
 - Roberts, H. J., M.D., *Aspartame (NutraSweet): Is it Safe? Sweet'ner Dearest*.
 - Stoddard, Mary Nash (ed.), *The Deadly Deception*.
 - Mullarkey, Barbara (ed.), *Bittersweet Aspartame: A Diet Delusion*.
 - The Aspartame Consumer Safety Network, *The Aspartame Consumer Safety Network Synopsis*.
 - Remington, Dennis, M.D. and Barbara Higa, R.D., *The Bitter Truth About Artificial Sweeteners*.

For further information, contact:
ASPARTAME CONSUMER SAFETY NETWORK
PO Box 780634
Dallas, Texas 75378, USA
Phone: +1 (214) 352 4268

**FIND OUT HOW POLLUTION IS AFFECTING
WEATHER, ECOSYSTEMS AND YOU. SUBSCRIBE TO:**

— Blazing Tattles —

Extend your subscription, or subscribe at the low rate of USD\$25.00 a year for 12 issues (USD\$35.00 outside USA/Canada/Mexico). Ask about special rates for students, pensioners, unemployed, etc.

PO Box 1073, Half Moon Bay, CA 94019, USA
Phone: +1 (415) 712 0772; Fax: +1 (415) 712 8547
E-mail: blazing@crl.com

The Health Benefits of RED WINE

OPC, nature's most powerful anti-oxidant, is wonderfully abundant in the skins and seeds of grapes.

Could this be the secret of the "French Paradox"?

Part 1

© 1995 by Bert Schwitters

The International Nutrition Co., Inc.
Vreelandseweg 69
1393 PD Nigtevecht
The Netherlands
Phone +31 (0)2945 1690
Fax +31 (0)2945 1939

When you and your loved ones are gathered around the Christmas tree, when you're roasting chestnuts on an open fire and you sip from the red wine you have just gently whirled in your glass, you are surrounded by the good things in life. Amongst them you find even the very best thing in life. It is called "OPC".

OPC, an abbreviation for the tongue-twisting "oligomeric proanthocyanidins", is nature's ultimate protector. It helps red wine mature and age. It protects plants against the harsh influences of sunshine. Bark and leaves are full of it. It protects the oils in seeds and nuts against rancidity. It has the astringent taste that so many people connect with a healthy heart. And what's more, when no longer needed in the living plant, OPC turns out to be the precursor of the inspiring red pigment of red wine and autumn leaves.

Because OPC itself is colourless, it has always been a hidden and unobtrusive yet extremely influential factor behind many magnificent natural and biological phenomena. It had been overlooked by scientists of great stature, like, for instance, Nobel Prize-winner Albert Szent-Györgyi. This Hungarian scientist received the prize in 1937 for having discovered vitamin C. He also found that vitamin C worked better in the presence of a natural co-factor.

Because Szent-Györgyi had isolated his first vitamin C from citrus fruits, he attributed the vitamin C boosting phenomenon to the pigments that are so very visible in citrus fruits: the yellow bioflavonoids. However, Szent-Györgyi failed to get consistent results with his bioflavonoids.

JACK MASQUELIER

Later, during the late '40s at the University of Bordeaux, Szent-Györgyi met a young and enthusiastic colleague who had graduated with a thesis about the red pigment, "anthocyanin". This red pigment is very similar to bioflavonoids in structure, but very different in character. "But Mr Masquelier," Szent-Györgyi asked, "are you still interested in that? Don't you know that in the US no one believes in bioflavonoids any more?"

Discussing the issues, neither scientist realised that the vitamin C booster that Szent-Györgyi had failed to find had already been discovered by Jack Masquelier. In 1947, while researching the red pigment, Masquelier also found its precursor, the OPC. Now, half a century later, it turns out that OPC is the truly active vitamin C booster, and the cause of many a paradox—especially the "French Paradox".

THE FRENCH PARADOX

On 12th May 1979, the renowned English medical journal, *The Lancet*, published a now famous article written by A. S. St Leger, et al., "Factors associated with cardiac mortality in developed countries with particular reference to the consumption of wine". Not knowing that he had been describing the beneficial effects of OPC, St Leger summarises his principal finding as "...a strong and specific negative association between ischaemic heart-disease deaths and alcohol consumption. This is shown to be wholly attributable to wine consumption."

He also found that the health statistics of the 18 countries he included in his study showed that health is "not strongly associated with health-service factors such as doctor and nurse density". In other words, wine does more for your cardiovascular health than your doctor.

Those who didn't make a connection between cardiovascular health and wine as an abundant dietary source of OPC were baffled by the apparent but paradoxical compatibility of a low incidence of coronary atherosclerosis and cardiovascular mortality with

RELATIONSHIP BETWEEN I.H.D. MORTALITY-RATE IN MEN AGED 55-64 AND WINE CONSUMPTION

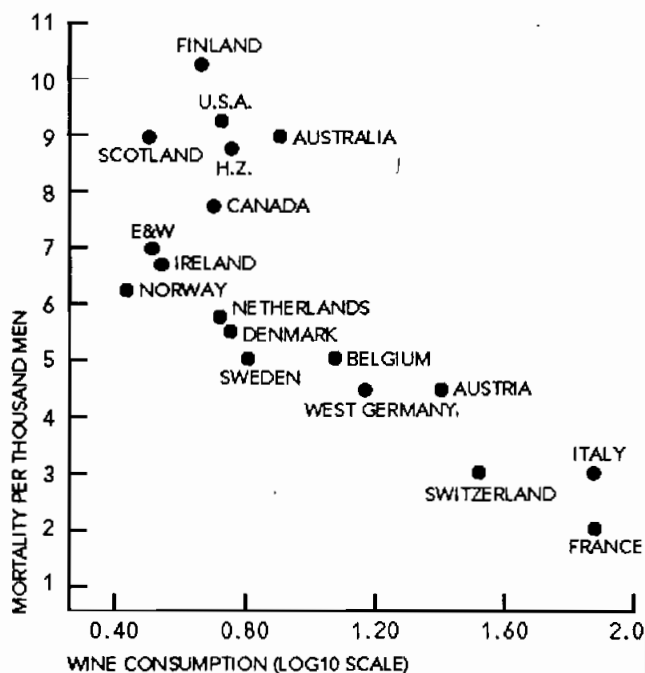


Fig. 1: In *The Lancet* of 12 May 1979, St Leger revealed the "French Paradox", relating wine consumption (the horizontal line) with mortality (the vertical line) for men aged 55-64. Wine-drinking countries like France and Italy score extremely well.

France's high-fat diet and relatively high number of avid cigarette-smokers. Also, many people simply equate wine with alcohol, and that makes the cardiovascular benefits of wine a contradiction in itself. That is how St Leger's findings were soon baptised with the name, "French Paradox".

WINE DRINKERS LIVE LONGER

The correlation between wine consumption and good health had already been demonstrated in France as early as 1933, when F. Dognac compared the number of old people in his own region

(the Médoc wine district) with the total number of old people in the whole of France. (See Fig. 2.) With advancing years, counting from the age of 60 onward, the percentages increase as follows:

- in the 60-64 age category, 34% more people lived in the Médoc region than in all of France;
- in the category 65-69 it was 37% more;
- for people in their 70s it was 42%;
- for people above 80 it was as much as 88%!

Due to their consumption of alcohol, the French are sometimes considered to have a high prevalence of alcoholism. But as far as wine is concerned, Dognac's figures strongly contradict this alleged negative relationship. Moreover, the officially published figures in France concerning the mortality rate due to alcoholism

Fig. 2:

AGE	ALL OF FRANCE	MEDOC REGION
60-64	4.661	6.259
65-69	3.644	5.000
70-79	4.559	6.500
ABOVE 80	1.053	1.981

wine. When I tell them that most varieties of champagne, which is a white wine, are obtained from red grapes, they think I'm joking. But no, the difference between white wine and red wine is a difference in production. White wine is made with only the juice of red grapes;

repeatedly confirm his statistics year after year. Mortality due to alcoholism is lowest in the wine regions.

THE PARADOXES OF SCIENCE

To Jack Masquelier, now Professor Emeritus, the findings of St Leger hadn't come as a surprise but rather as a confirmation of Dognac's study and of all the research he had been doing since 1945. In Masquelier's opinion, the mystery surrounding the French Paradox was already lifted in 1944 when his colleague, J. Lavollay, showed that administering 2 cc of red wine to laboratory animals doubled their vascular resistance.

Since Szent-Györgyi, "vascular resistance" or "vascular permeability" had been the key issue in all the research. Vascular permeability is monitored by vitamin C and its co-factor, which Szent-Györgyi believed to be the bioflavonoids. He had even coined a mixture of both, "vitamin P"—"P" after permeability. But vitamin P was never officially acknowledged as a true vitamin because the results reached with the bioflavonoids were inconsistent.

The Frenchman Lavollay demonstrated that red wine had a vitamin P effect. He experimented with red wine on animals and found that their capillary resistance increased. A lack of sufficient possibilities and knowledge about isolating these vitamin P factors led Lavollay to the conclusion that he was dealing with the effects of a molecule called "epicatechin". Epicatechin is the mirror-structure of "catechin", which is the building block of OPC. Lavollay didn't know that he was not dealing with epicatechin, but with polymerised forms (pairs and triplets) of epicatechin—with OPC. The Greek word *oligo* means "a few". OPC simply means "a few"—two or three catechin molecules together.

Because the catechin pairs and triplets stand alone in their capacity to transform into the red anthocyanin, we don't call them "oligomeric catechins" but "oligomeric proanthocyanidins", precursors of the red pigment.

RED WINE CONTAINS MORE OPC THAN WHITE WINE

Contrary to what many people believe, the colour of wine has nothing to do with the colour of the grapes. As Masquelier explains, it is not a matter of grape colour but a matter of production.

"Strangely enough," he tells us, "people don't really know the difference, in terms of production, between white wine and red

nothing else. The juice is squeezed out of the grapes, just like orange juice, and then it is fermented; that's all. The seeds and the skins are discarded right after the pressing of the grapes. Only the juice is fermented and eventually becomes white wine."

In the making of red wine, on the other hand, the whole grapes are crushed and everything is left together for two to three weeks—skins, seeds, 'flesh', parts of the string, a mixture that contains the red pigments of the skin (anthocyanins) and lots of OPC (proanthocyanidins), located in the skin and the seeds. Pigments

and OPC gradually dissolve into the wine during a continuing process of maceration.

"Anthocyanin and OPC dissolve even better when the alcohol starts to appear, because that's when fermentation takes place. At that moment, the OPC, which is concentrated on the outside of the skins, is suddenly bathed in a mixture of water and alcohol. The mixture is relatively warm, for, as you know, heat is released during fermentation. As a result, a considerable amount of OPC is dissolved. In white wine there is only the small amount from the skins which passes into the grape juice after the grapes are crushed. That is why white wine contains 20 to 50 times less OPC than red wine."

At the end of a Wine Congress held in Bruxelles in December 1994, during which he had 'spotlighted' the benefits of OPC, Jack Masquelier looked at the somewhat discouraged faces of French white wine producers. Trying to reassure them, he said: "Drink red wine for your health and white wine for your enjoyment."

THE FIRST OPC EXTRACT WORKED RIGHT AWAY

After he had isolated his first OPC, Masquelier immediately found his extract to be in high demand. As he remembers, "I had isolated the first OPC from the skin of the peanut in 1947. My Ph.D. tutor, the faculty dean, Francis Taillaud, had just got married. His wife, who was pregnant, suffered from oedema, like many pregnant women do. Oedema is the result of a lowered permeability of the hair vessels. She was often very tired. Especially, her legs were very tired and she had difficulty walking. The dean said to me: 'We can try it out on my wife, since you demonstrated that it wasn't toxic at all.'

"Well, the dean's wife was cured in 48 hours. So there had to be something special about my extract. Three years later, in 1950, the first vasculo-protective medicine was developed. It was called Resivit. It was the first vasculo-protective medicine to be based on OPC—in this case, OPC from peanut skin. So you see, all this goes back to 1950. It has been known for a long time."

How OPC relates to the condition of the vascular wall is explained by Masquelier as follows: "OPC is different from the famous yellow pigments, the flavonoids, because OPC attaches itself to proteins. OPC provides vascular protection because it has an affinity for one constituent of the vascular wall, collagen or elastin, i.e., proteins, whose task it is to form the walls of the small capillaries as well as the arteries, the veins and the lymphatic vessels. These proteins make the walls solid and supple, and it is because OPC has an affinity for these substances that they attach themselves to them, activate their metabolism, their synthesis, and prevent them from being destroyed too easily or pathologically. That's why OPC is, you could say, the vitamin of the vascular wall."

THE WHOLE CARDIOVASCULAR PICTURE

In combination with the proper functioning of the heart, a complete and unhindered blood flow is, without a doubt, the most essential physiological function of the body. It is no surprise that defects in the cardiovascular system are the reason why heart and vascular diseases are the number one killers in Western countries. One out of every two people (46% of all deceased men and 53% of all deceased women) die from a vascular and/or heart disorder.

The condition of the vascular wall is a determinant factor in cardiac and vascular diseases. After all, the vascular system regulates the bloodstream, and the blood supply is of vital importance for all cells and organs. In this respect, it is obviously important that particularly the heart muscle, the driving force of blood circulation, is copiously saturated with blood itself, since heart failure means death.

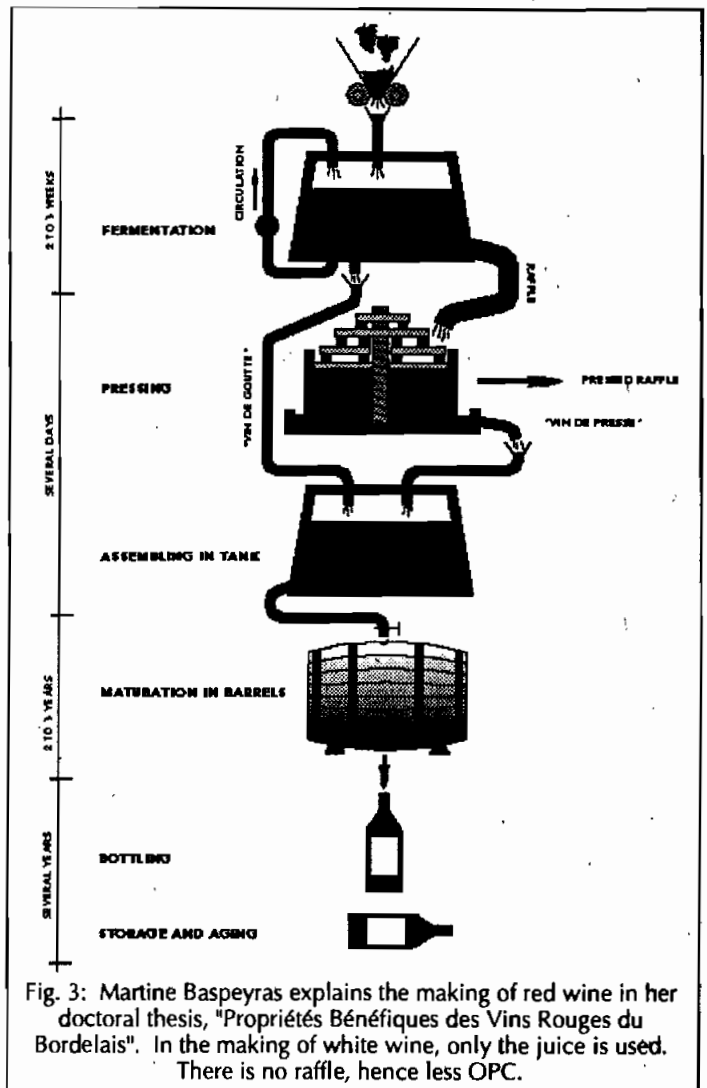


Fig. 3: Martine Baspeyras explains the making of red wine in her doctoral thesis, "Propriétés Bénéfiques des Vins Rouges du Bordelais". In the making of white wine, only the juice is used. There is no raffle, hence less OPC.

In 1981, Professor Masquelier presented for the first time his coherent theory about the influence of OPC on the essential factors that are determinative for the intactness of the vascular wall: collagen and elastin. These two building blocks of the vascular wall determine its elasticity and permeability. One could say that collagen consists of pairs of intertwining strains of proteins, the polypeptides. The stability of collagen is ascertained by the presence of the so-called cross-links that connect the polypeptide chains. The result is a structure that looks like a ladder that is being twisted without end.

OPC helps collagen with the construction of these cross-links and in this manner they help to aid in the stability of the connective tissue. Cross-links are often referred to in a negative sense, especially when they are formed in excess under the influence of free radicals. Excess cross-linking suffocates and stiffens the connective tissue. This excessive cross-linking manifests itself in all the visible signs of ageing, such as wrinkles. OPC helps prevent undesired and premature ageing by preventing over-cross-linking.

ENHANCING COLLAGEN'S BIOSYNTHESIS

OPC enhances the natural renewal and production of collagen, as regulated by the body itself. But OPC cannot perform the job all by itself. Vitamin C is another vital element in the biosynthesis of collagen. In fact, the decay of collagen due to lack of vitamin C produces all the symptoms of scurvy, since scurvy is nothing else than collagen decay. OPC comes into the picture because it is vit-



Already in 1933 it was found that people in France's wine regions live significantly longer than people in other areas. Later, in 1979, this phenomenon would become known as the "French Paradox".

amin C's most powerful co-factor.

The vitamin C-sparing effect of OPC was well-documented by Masquelier and his colleague and friend, Professor M. J. Michaud. Their experiment showed that, in the absence of OPC, one needs to use more ascorbic acid. OPC provides optimal use of the vitamin C available in the body and thus helps the naturally controlled formation of collagen. Masquelier explains in more detail: "Collagen is a protein that contains two special amino acids, proline and lysine; not in their pure form, but as hydroxyproline and hydroxylysine. To put this differently, our genetic code does not code for hydroxyproline and hydroxylysine, but only for proline and lysine. So the collagen initiates the process of what we call hydroxylation of these two amino acids. The hydroxylation process requires vitamin C. Vitamin C provides the hydroxyls needed to transform proline into hydroxyproline, and lysine into hydroxylysine. And this is essential for the maturation of the collagen.

"How does OPC enter into play in all this? Simple. It boosts the vitamin C. In a way, they could be considered as vitamins C2. Professor Parrot, who did a lot of research on capillary resistance, on vascular problems, thought that these substances should be named vitamins C2, i.e., co-factors of vitamin C. We're now more or less back to the primitive ideas of Szent-Györgyi, but our arguments are better, for we've now studied this all the way down to the molecular level.

WHAT REGULAR INTAKE OF OPC DOES

"If you regularly take OPC," Masquelier says, "your vascular walls will be rein-

at hand when you can.

Their research demonstrated that, in the presence of OPC, much less cholesterol was deposited on the elastin tissue in the vascular wall than if OPC were absent.

forced. Say, you have a haemorrhage. In the morning you brush your teeth and discover that your gums are bleeding. Or, you notice a speck of blood on the cornea of the eye. Or, at night you feel tired, your calves are swollen, you notice oedemas, etc. In that case, you're suffering from vascular fragility, and OPC fights all these pathological mechanisms. It even goes one step further. In the human body, everything is 'vascularised'. Each and every cell needs to be nourished and supplied with oxygen. Well, what is in charge of this nourishment and enabling every cell to breathe? Ultimately, this is a task for the capillary vessels. They are the emissaries that go to each cell. The plumbing has to be in good shape. If there is a leak...of course, you know that leaks can be extremely dangerous, for example in the brain. I don't need to draw you a picture to make you understand what a cerebral haemorrhage is."

CHOLESTEROL

In 1957, A. Fay Morgan reported that animals that were administered wine appeared to be protected from a diet rich in cholesterol. The total amount of lipids in the blood and organs was lower than that of a control group of animals that were living on bread and water. A third group was exposed to a solution of alcohol dissolved in water, such as to check the results of the wine group. If alcohol and water didn't give the same results as wine, then it would be obvious that something other than alcohol did the trick. The alcohol-plus-water group did have a higher cholesterol and lipid level than the wine group. The conclusion was, therefore, that alcohol in wine couldn't be the cholesterol-restraining factor.

When Masquelier learned about this research, he naturally assumed immediately that the OPC in wine was responsible for the protection against excess cholesterol. His assumption was confirmed in 1966 when the German E. Merck company registered a patent describing OPC as cholesterol-regulating substances. "In particular," the Merck researchers wrote, "these sub-

stances exercise activities that lower the cholesterol level..."

In 1984, J. Wegrowski and his colleagues determined that OPC does even more than just lower the cholesterol level. Their research demonstrated that, in the presence of OPC, much less cholesterol was deposited on the elastin tissue in the vascular wall than if OPC were absent. OPC therefore keeps cholesterol deposits from forming in the vascular wall, and hence fights the process of atherogenesis. The cholesterol remains present in free form and can, in the instance of excess, be eliminated by the body.

DOCTORS CONFIRM SCIENTIFIC EVIDENCE

Even though OPC had been 'cornered' as a vasoprotector, medical doctors prescribing it wrote to Masquelier about other positive side-effects. He recalls, "I've often had doctors writing to me: 'I have prescribed OPC to my patients because they suffer from vascular fragility, because their legs are heavy, because they're bleeding, etc. But when I have laboratory tests done, I find that their cholesterol levels have gone down.' So, based on their experiences, some general practitioners have already been suggesting to me that OPC be used for other purposes than the treatment of vascular fragility. It seems that the influence of OPC goes beyond the domain of the vascular wall and that it does this in cooperation with vitamin C."

To be continued in the next issue of NEXUS...

This article is based on the book, *OPC in Practice* (1995, 2ed., ISBN 88-86035-10-1), written by Bert Schwitters in cooperation with Professor Emeritus Jack Masquelier. *OPC in Practice* is also available as an informative one-hour videotape. Copies of the book and video are available from:

- **Australia:** Sparkling Health, 35 Foxwood Avenue, Quakers Hill, NSW 2763; phone +61 (02) 837 2856, fax +61 (02) 837 4067.
- **Europe/UK:** Alfa Omega Editrice, Via San Damaso 23, 00165 Rome, Italy; phone +39 (06) 63039, fax +39 (06) 63 2196.
- **New Zealand:** Ortika NZ, 122 Manuka Street, Stokes Valley; phone/fax +64 (04) 563 7661.
- **North America:** Sweetwater Inc., 1591 Post Road, Fairfield, Connecticut 06430, USA; phone +1 (203) 255 4333, fax (203) 259 2192.

The Health Hazards of **POWER LINES**

Electromagnetic fields around high-voltage power lines have been linked with higher rates of miscarriage, cancer and suicide among nearby residents.

Despite convincing evidence, governments and utilities prefer to keep the public in the dark!

© 1995 by Kim Besly

c/- NEXUS Magazine
55 Queens Road
E. Grinstead, West Sussex BN25 2LS
United Kingdom
Phone: +44 (0)1342 32 2854
Fax: +44 (0)1342 32 4574

The electromagnetic spectrum includes, at one end, x-rays and gamma rays and, at the other end, radio waves and extremely low frequency waves, with visible light roughly in the middle. We are not usually aware of other types of electromagnetic energy, and yet it is all around us and may have a potential for damaging people's health. When power lines carry a high voltage, whether carried overhead or buried underground, they appear to have adverse effects on the people who live and work nearby.

Since the late 1970s, a 400-kilovolt electricity power line has run through the centre of the tiny village of Fishponds, in Dorset. Today, three quarters of the villagers complain of increasing ill-health. Over a period of six years, four of the eight men living in Fishponds have died of heart attacks. Residents report: "It just seems as though all your limbs go"; feelings of exhaustion so people can hardly bring themselves to do the normal things they like doing; and sleep problems.

High voltage power-lines create fields which extend for several hundred feet and which, some scientists argue, can trigger different effects on animals and humans. As understanding of these facts has increased, a number of governments and some states in the USA have established "rights of way" to prevent people living close to the lines. Many scientists think the idea that people should be living directly under high voltage transmission lines is simply barbaric. There is certainly clear and convincing evidence that the practice ought to be stopped, and there ought to be a minimal right-of-way prohibiting that kind of thing.

Against the background of growing worldwide concern about the potential health risk created by power lines, utility companies have commissioned some research of their own which has helped them convince themselves that there is no risk to people living near power lines!

There is, however, growing concern on both sides of the Atlantic that power lines are a health hazard. Publicly, both the British and American governments say there are no risks, but many scientists working in this area no longer believe this to be true.

Dr Perry in England published findings that showed that people living in a high magnetic field were 40 per cent more likely to commit suicide. This report formed part of the growing body of evidence which first started to appear in the early '70s when the US Navy's *Project Sanguine* introduced a new way of communicating with their submarine fleet, using a transmitter based at Clam Lake, Wisconsin, which worked on a frequency very similar to power lines. Unlike the power companies, however, the Navy was legally obliged to establish that there were no environmental risks in using the *Sanguine* transmitter.

The results of some 20-odd programs run by the US Navy on volunteers indicated that there were biological effects which were potentially hazardous to human health; further, that since the frequencies being evaluated bracketed the power frequencies of England at 50 Hz, and the US at 60 Hz, and since the power lines emitted a signal far stronger than these, we certainly could expect to have bio-effects in power lines; therefore the investigating commission pronounced that the American civilian population was at risk.

One hundred and twenty volunteers from the Marines were subjected to low-level electromagnetic fields. These tests produced some alarming results. As soon as the fields were turned on, all but one of the Marines showed a rapid build-up of serum triglycerides—an unmistakable warning of cardiac or heart problems to come. These problems were a source of considerable embarrassment to the Navy, and remain so today. A secret survey of workers at the Wisconsin transmitter showed a similar result.

The Public Service Commission tried to get that information from the Navy, but the Navy refused to forward it to them or even to acknowledge that such a committee had met or that any data of that nature was at hand.

The hearings into the proposed power line from Canada to New York moved from a small-time formality to a full-scale confrontation. On the one side, the power companies with their scientists and their public relations machinery; on the other, Dr Robert Becker and his co-workers with their laboratory findings and their photographs of mice irradiated by low-level electromagnetic fields—which showed that, within three generations, the offspring were severely stunted. Dr Becker said:

We went in simply as scientists who were drawing attention to what we thought was a public hazard. The utility companies, it turned out, not only supported themselves amply with money, but it became evident very early on that the federal government had an interest in seeing to it that the hearings, if at all possible, did not take place; or if they did take place, that the result would be an exoneration of electromagnetic fields as having no health hazard whatsoever.

The project went ahead.

The Hoskins family and their ancestors have been homesteaders in northern New York State for more than a century. They and their farm had always prospered until the late 1970s when the high-voltage power line became an unwelcome neighbour. Their farm is just outside the 325-foot right of way established by New York State. They had had chickens there for 50 years, but, when the power line was first energised, the hens started laying what looked like scrambled eggs: the white and the yolk were mixed. They now believe that the electric field had advanced the chickens' systems in such a manner that the chicken had started to grow inside the egg before the hen had laid it. The birds were housed through the winter, and went back to laying normal eggs; but in the spring, when let out again in the yards, they started laying scrambled eggs again. The production dropped and the mortality rate increased.

Laboratory evidence that animal foetuses are easily damaged by electric fields comes from a senior Czech scientist, Dr Karel Marha, who now lives in Canada. Laboratory research in Spain has also shown that the growth of a normal chicken embryo can be severely damaged when exposed to low-level electromagnetic fields similar in strength to those created by the high-voltage lines near the Hoskins farm—where breeding problems were not just confined to their chickens. Pregnant animals pastured under the line had disastrous results and high calf-mortality. Estate agents who handle property in the US say they already have property under the power line that they can't sell because nobody wants to live just near power lines.

Professor Ross Adey, a biophysicist working at the Brain Research Institute in California, says that the question of the body's ability to maintain the biological rhythms is now under serious review because the pineal gland, situated almost within the brain (it's on top of the brain) secretes a hormone, melatonin, that is an essential element in the body's ability to set up its 24-hour cycles; and recent experiments have reported a very clear loss of the rhythmicity in the secretion of melatonin—of itself of no great significance, but, carried across a lifetime of most people exposed to a variety of power-line fields, one must ask the question whether it's appropriate to live so close to the field that there may be an interference with melatonin secretion.

He goes on to say that, given that the biological rhythms may be modified, this in a sense could be the start of a cascade of effects. One would wonder whether other cycles, for example, sex cycles, sleep and wakefulness and the like, may be disrupted with quite undesirable effects—which at first are no more than a modifica-

tion in the quality of life but which ultimately may affect the longevity, for example, of people who are constantly exposed.

Some scientists feel that underground cables are probably more important than the overhead cables. If Dr Perry's conclusions are correct—linking higher rates of suicide and depression with power cables—there are worrying implications both for those people living close to high voltage underground cables and for those in high-rise flats.

Another study in West Germany, for example, looked for suicides, spontaneous miscarriages or car accidents with different situations in the environment, and found a high correlation with the level of electromagnetic fields.

Britain's biggest private house-builders have not been given any indication by the power companies or local planning authorities that power lines could present a health hazard. It concerns me that people are being slow to take notice of this, but I think the message will get through in the end. I think we should learn from the Russians. House-building under power lines has not been allowed in the [former] Soviet Union for over 20 years.

Recent scientific research also suggests that magnetic fields may not only affect the behaviour of individual cells but also the rate at which they multiply. There is a perfectly reasonable and well-accepted theory of cancer formation which holds that throughout your lifetime you probably generate a number of malignant tumours that, as these begin (and you have a relatively small number of cells involved), the body recognises the presence of these cells which have become abnormal, mobilises its resistance mechanisms (immune bodies—the white cells of the blood, and so forth), and destroys the tumour. When the organism is exposed to abnormal magnetic fields—either because

of the direct effect of those fields upon the growth of these tumours so that their growth is enhanced, or because the ability of the body to recognise and destroy these tumours is diminished—one will see a greater incidence of these tumours. We know that a good part of the regulation of growth within living organisms is electrical in nature.

Now, if you are going to expose large numbers of the population to abnormal electromagnetic fields, and do so, chronically, every day—and do so not only for one generation but perhaps for two or three generations—there could well be a public health problem out there of maybe catastrophic proportions.

In the United States and Sweden, studies have produced evidence that both children and adults living near power lines may be more likely to get cancer. Other surveys or epidemiological studies in Britain and America have also shown that power workers and other people whose jobs expose them to electric and magnetic fields are up to twice as likely to contract acute myeloid leukaemia. Laboratory experiments which measured the effects of electromagnetic fields on the ability of the white blood corpuscles (or T-lymphocytes) to prevent cancer from developing, show that the white blood corpuscles' efficiency is most affected by precisely the frequency of American power lines: 60 cycles per second.

Officials are going to have to decide if the good achieved by protecting people against health risks outweighs the costs. It's the classic risk-benefit analysis that bureaucrats and officials go through routinely. In the United States the process takes place on a state-by-state basis, and in many states is largely subverted by the relationship that exists between the power companies and the agencies the states have for regulating them. But these are political questions, not scientific questions. The scientific evidence with regard to the health-risk aspect is clear and convincing—and

**...their laboratory findings...
of mice irradiated by low-
level electromagnetic
fields...showed that, within
three generations, the
offspring were severely
stunted.**

only likely to become more so. The political questions about the implications have just begun to be wrestled with. They're the really hard questions; the scientific ones are simple in comparison.

The main source of public funding has been through the military establishments, and there has been a good deal of private sponsoring by some of the companies with vested interests. Some of that has been subsidised either directly or indirectly by the intelligence services or the military services. Some companies, because they have products like microwave ovens, have sponsored some research, but most of the research that is sponsored is usually on an annual renewal basis; consequently there is a very short leash on almost all of the scientists that work in this area.

It is interesting to note that the people who have spoken out about the inadequacy of radiation protection standards have all had their research funds cut off; they've lost every grant they've had; they have often been subjected to administrative harassment and some have been forced to retire early. That's a very, very strong signal to everybody else working in this field of research.

One doctor's crime was to establish a clear link between power lines and health hazards. His punishment was scientific exile so that now, at 59, he is enduring enforced early retirement despite his worldwide reputation for original research work. It probably cost him the Nobel Prize for which he had been nominated.

In October 1982, a group of military and industrial leaders held a secret meeting at Hot Springs, Virginia, to discuss what they see as the unwelcome publicity being given to the potential hazards of electromagnetic radiation. To permit a free exchange of thoughts on this sensitive subject, the meeting was held behind closed doors, all cameras and recording devices were banned, and no record of the discussions was taken. The delegates, who included the armed services and the Environment Protection Agency—the American Government's watchdog—decided to raise a public rela-

tions budget of US\$425,000 which would be used in part to counteract alarmist and irresponsible reports.

Self-policing has so far given power lines a clean bill of health, and effectively discounted fears within the scientific community that the millions of people living underneath or close to power lines will be the raw data of future medical surveys, with more unwitting volunteers being added week by week.

This is not work that has appeared from under the rug in the last year. There has been a very clear progression towards this state of awareness for more than two decades.

Despite the growing weight of evidence, authorities in Britain, and Australia continue to allow homes to be built close to power lines, even though their counterparts in a number of other countries have taken action to stop such developments. ∞

For further information on power-line issues, contact:

Australia: Powerline Action (Vic.) Inc./EMF Advice—Ian MacMillan, 3/247 Flinders Lane, Melbourne, Vic. 3000; phone +61 (03) 654 4512, fax +61 (03) 650 3689. • Association of Citizens Against Telecommunication Towers (ACATT)—Kate Barrett, 2/91 Henley Beach Road, Henley Beach South, SA 5022; phone (08) 356 4408.

New Zealand: • Adopt Radiation Controls, Inc. (ARC)—c/- Bruce Morrison, PO Box 21113, Henderson, Auckland. • Environmental Protection for Children Trust (EPC)—393 Ilam Road, Christchurch; phone +64 3 351 7329, fax +64 3 343 3693.

Canada: • PACE Canada—100 Bronson Avenue, #1001, Ottawa, Ontario K1R 6G8; phone +1 (613) 236 6265, fax +1 (613) 235 5976.

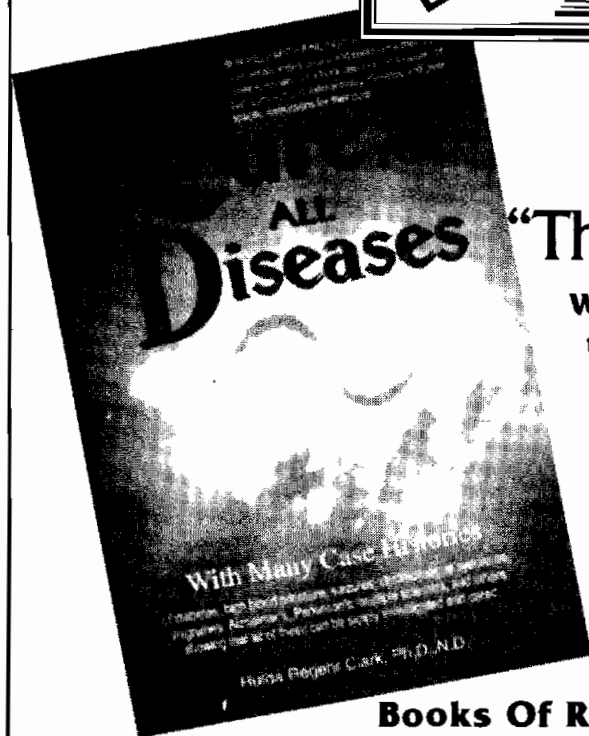
Sweden: • FEB (Association for the Electrically and VDT Injured)—Box 115126, 104 65 Stockholm; ph+46 (8) 712 9065, fax +46 (31) 83 3509.

UK: • London Hazards Centre—Interchange Studios, Dalby Street, London, NW5 3NQ. • PowerWatch UK—c/- 2 Tower Road, Sutton, Ely, Cambs, CB6 2QA.

USA: • National EMR Alliance—410 West 53rd St, #402, New York, NY 10019; phone +1 (212) 554 4073, fax +1 (212) 977 5541.

Books of Revelation

NEW!



from Dr Hulda Clark
Author of "The Cure For All Cancers"
and "The Cure For HIV/AIDS" Comes

"The Cure For All Diseases"

Which describes how a New Electronic Device has led to New discoveries, with New cures and New hopes!

Follow the advice in this book preventatively, and you should never have to worry about your health again. See how you can get your whole family well and keep them well. Start today! In this book Dr Clark puts her conclusions, her results, and her methods before you.

READ AND LEARN
RRP \$39.00 + \$5.00 Postage & Handling
Order Now From

Books Of Revelation 77 Pound Road Warrandyte Victoria 3113
Tel: (03) 9844- 4492 Fax: (03) 9844- 4884 MAIL, FAX OR TELEPHONE ORDERS ONLY

Experiments with Auras (Bioelectromagnetic Fields)

*The
bioelectromagnetic
field is a material
carrier of
biogenetic
information that
can be transmitted
from one organism
to another.*

*A rejuvenation
technique based on
this discovery has
great promise in
treating cancer and
immunological
disorders.*

© 1993 by Dr Chiang Kanzhen

Reprinted from *AURA-Z* Journal
(vol. 1, no. 3, 1993)
PO Box 224
Moscow 117463, Russia
Phone: +7 (0)95 925 7679
Fax: +7 (0)95 422 0960

The bioelectromagnetic radiation of every living being is now no longer in question. Up to now, however, it was considered that genetic information is transmitted by DNA (deoxyribonucleic acid), known to contain the genetic code in its molecules.

Advances in modern physics have led me to assume that DNA is, in fact, only a 'cassette' with 'recorded information', whose actual material carriers are bioelectromagnetic signals. In other words, **the electromagnetic field and DNA together make up combined genetic material**, which exists in two forms: a passive (DNA) form, and an active (bioelectromagnetic field) form. The passive form preserves the genetic code; the active (transmitting) form is able to modify it.

In what part of the spectrum is the bioelectromagnetic radiation emitted during the organism's vital activities? Bioelectromagnetic signals (signals transmitting energy and information simultaneously) are moving photons, which, according to quantum theory, possess corpuscular and wave properties.

The corpuscular properties of the photon presuppose the use of the low-frequency band, for in that case the organism receives the largest amount of information. It is known that the lower a photon's frequency, the smaller is its energy and, hence, the organism's limited energy can excite the most photons.

The photon's wave properties, on the other hand, dictate the need to study the highest-frequency portion of the spectrum, which has a big transmission bandwidth. This would make possible the reception of a large body of information and a high quality of transmission.

Consequently, the bioelectromagnetic field, i.e., the material carrier of energy and information, exists in both the microwave and the infrared (IR) range in the middle portion of the electromagnetic spectrum.

Laboratory experiments with the 'biomicrowave communications' installation yielded positive results in the field transmission of genetic information. The work was conducted in several areas: in agriculture (plant and animal selection), in medicine (fighting diseases, organism rejuvenation), and in other fields of genetics.

PLANT AND ANIMAL SELECTION: EXPERIMENTAL RESULTS

1. The effect produced by the bioelectromagnetic field of green wheat mass (the donor, placed in the receiver) on germinated maize kernels (the recipient, in the transmitter). (See Fig. 2, 3.)

The grown maize had many side stalks. In place of the cob heads there formed original ears with grains like those of both wheat and maize. Besides, the tested maize was found to be superior to a reference lot by 200 per cent in kernel yield and by 300 per cent in mass. Furthermore, the acquired changes were inherited by subsequent generations.

2. The effect produced by the bioelectromagnetic field of donor melons on germinated cucumber recipient seeds. (See Fig. 5.)

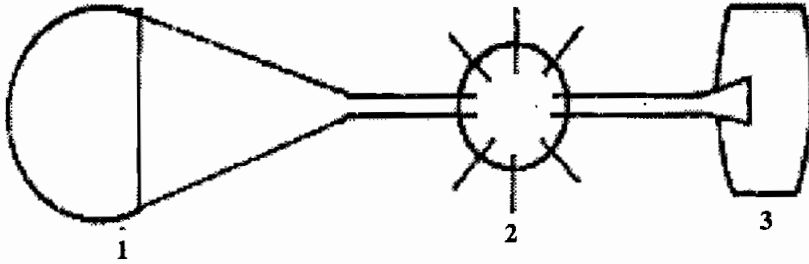
The grown cucumbers had the taste of melon. Biochemical analysis proved the presence of DNA modifications. The acquired changes were passed on from one generation to another.

3. The effect produced by the bioelectromagnetic field of donor peanuts on recipient sunflower sprouts.

The sunflower seeds underwent a change of shape; part of them acquired a peanut taste.

4. The effect produced by the bioelectromagnetic field of a donor duck on recipient hen's eggs. (See Fig. 4.)

Fig. 1



BLOCK DIAGRAM OF "BIOMICROWAVE COMMUNICATIONS INSTALLATION"

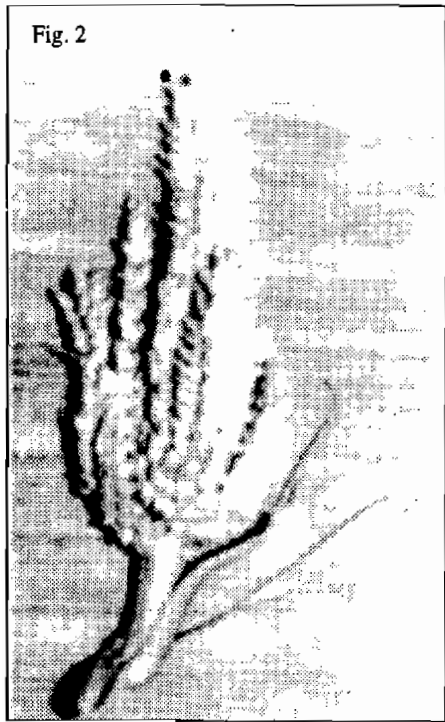
- 1 - Receiver
- 2 - Transmission line with regulator unit, and
- 3 - Transmitter

The device 'picks up' DNA data from one living object and directs it at another.

Four hundred and eighty chicks hatched from the 500 eggs subjected to the influence of a duck's bioelectromagnetic field. The following changes were observed in the chicks:

- the development of foot webbing (in 25 per cent of chicks);
- a flat-shaped duck-like head (in 80 per cent);
- a long neck (in 70 per cent), and
- mid-section opening of the eyes (in 90 per cent). (See Fig. 6, 7.)

Fig. 2



The acquired changes were later transmitted from generation to generation.

5. The effect produced by the bioelectromagnetic field of a donor goat with long curved horns on a recipient pregnant female rabbit.

The offspring rabbits developed large curved teeth. (See Fig. 8.)

ORGANISM REJUVENATION

As a doctor, I am particularly interested in the effect of the electromagnetic field of young organisms on older ones.

The initial experiments were staged on old mice. They were exposed to the bioelectromagnetic radiation of young plant sprouts and animal embryos. The obtained results:

- restoration of the sexual and reproductive functions (in 31 per cent of the mice);
- extension of the life span by 1 to 1.5 years compared to the control group of mice (in 53 per cent); and
- an improvement in appetite, reactions and mobility (in 68 per cent of the mice).

In 1987 I performed a similar experiment on myself. Its positive results were borne out by both objective and subjective evidence.

The second person who volunteered to test the method of organism rejuvenation was my 80-year-old father.

As a result, some of his 20- and 30-year-old health problems disappeared, among them an allergic itch, noise in the ears, and a benign tumour. Hair appeared on bald spots six months later, the grey hair turned

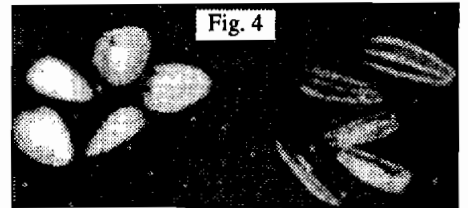
Fig. 3



black, and a new tooth appeared instead of one that had fallen out 20 years earlier.

The positive results obtained in this area had by 1991 provided the grounds for patenting the invention, "A Method of Organism Rejuvenation", and securing the Health Ministry's authorisation to practise the microwave therapy technique.

Fig. 4



THEORETICAL GROUNDS OF ORGANISM REJUVENATION

There is a biological law that the average life-span of mammals equals five to seven of their development periods. Therefore, the average life duration of a human being should be 125 to 175 years, since the human development period lasts 25 years. The actual duration of a human life, however, comprises only three development periods.

I consider that the ageing of an organism is caused by a variety of factors which upset the delicate structures of active genes

Fig. 5



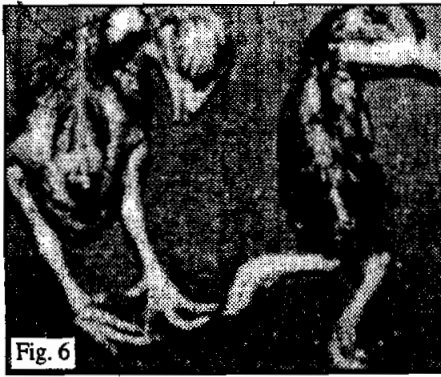


Fig. 6
so that these structures cannot be restored. Only 0.2 to 2.0 per cent of all the genes are active genes.

In my opinion, the bioelectromagnetic radiation of young organisms of other species activates the silent genes in old organisms. The process involves the law of ontogeny, i.e., the curtailed recurrence of the major systemogenetic processes, and the law of regeneration.



Fig. 7

RESULTS OF APPLICATION OF THE METHOD OF MICROWAVE THERAPY (INCLUDING REJUVENATION)

After the Health Ministry granted me permission to use the method of microwave therapy, a group of 14 patients who had volunteered for the treatment was formed:

The nosology distribution in the group (see table 1), was as follows: atherosclerosis—5 cases; stenocardia—2; earlier insult—2; ulcerous condition of gastrointestinal tract—4; hepatitis—5; spinal osteochondrosis—6; arthrosis—2; eczema—3; psoriasis—1 case; neurosis—77; and benign tumour—2 cases. All told, there were 39 cases in 11 nosological units for 14 patients (averaging about three diseases per patient). (See Table 1.)

Treatment results:

- complete cure—6 cases, including benign tumour;
- considerable improvement—21 cases;
- improvement—8 cases; and
- no change—2 cases.

Rejuvenation signs:

- improved general condition—12 patients;
- improved appearance (5 to 10 years "younger")—11 patients;
- disappearance of grey hair—9 patients;
- improvement in sexual functions—7 patients.

TREATMENT OF CANCER

The treatment of cancer, AIDS and post-transplantational immunity have occupied a special place in my work.

The first positive results in this area were obtained more than 20 years ago in a series of experiments in transmitting biogenetic information from 10 donor rabbits with inoculated cancerous cells to recipient mice with artificially provoked malignancies (a total of 300 specimens).

As is known, rabbits do not develop cancer, and their immune potential, stimulated by the inoculations, helped the majority (70 per cent) of the test mice to cope with the disease. At the same time, all the 300 mice in the control group with artificially induced cancer perished.

When I was a laboratory assistant at the Khabarovsk Medical Institute in 1973-78, I conducted a research project of my own, entitled "Combating Cancer by Biomicrowave Communications". In 1991 I received a patent protecting my invention



Fig. 8
of "A Method of Regulating the Immune Response" (for use in cancer treatment and organ transplantation).

IMMUNOLOGICAL RESEARCH

The application of the rejuvenation technique in medical practice was (to prove its efficacy) combined with immunological research conducted at the leading clinical laboratories in Khabarovsk.

The following immunogram indicators were determined:

- the phagocytic index
- T-lymphocytes
- 'active' T-lymphocytes
- T-helpers
- T-suppressors
- B-lymphocytes
- Class A immunoglobulins
- Class G immunoglobulins
- Class M immunoglobulins
- leukocytes

The analysis of the processed data led to the following conclusions:

1. The application of the method achieves an optimal status of the phagocytic system, making possible a full-scale immune response to the introduction of

Table 1: Patients	Age					Total Number
	40-50	51-60	61-70	71-80	81 and over	
Male	2	5	3	1	-	11
Female	1	2	-	-	-	3
Total	3	7	3	1	-	14

pathogenic agents. The effect of the bioelectromagnetic radiation in this case is vitally dependent on the initial condition of the organism. If the functions of the macrophages are reduced severalfold against the norm, the bioelectromagnetic radiation can either normalise them or restore them closer to the norm. If, on the other hand, the organism is initially functioning normally, the bioelectromagnetic radiation has practically no effect on the macrophages.

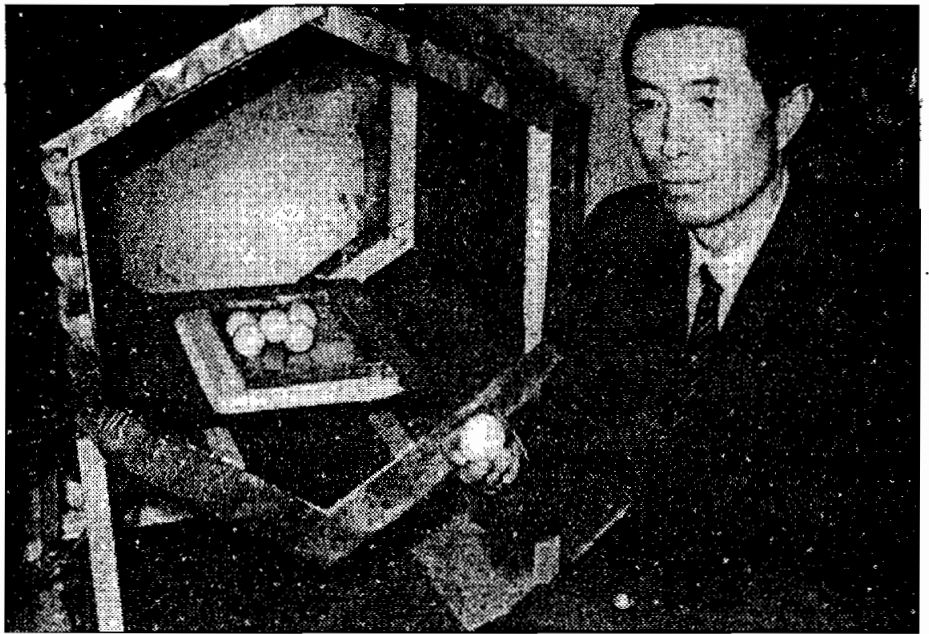
2. The dynamics of the T-lymphocyte changes demonstrated the regulatory and stimulating effect of the bioelectromagnetic radiation on the T-lymphocytes.

3. While the rejuvenation technique was being applied, the lymphocyte activity was adjusted, i.e., the activity of the immunocompetent cells was brought closer—or, in some cases, even restored—to the limits of the physiological norm. This makes it possible to employ bioelectromagnetic radiation as an instrument of immunity correction.

4. A study of T-helper dynamics shows the tendency of both high and low values to normalise. It may therefore be assumed that the bioelectromagnetic field tends to activate the mechanisms of the adaptation and self-regulation of the immune system for the maintenance of homeostasis.



Dr Chiang Kanzhen



5. A complete description and evaluation of the T-suppressor dynamics requires a modification of the group selection method. The emphasis has to be shifted to a specific pathology of the immune system:

- a pathological condition involving hyperactivated immunocompetent cells (such as autoimmunity or allergy);
- a pathological condition involving an inadequacy of the immune system (immunodeficiency); and
- an immune status not involving any substantial changes.

This approach to group selection will henceforward be adopted in examining other T-lymphocyte subpopulations, for example, T-helpers and B-lymphocytes.

6. The examined patients who had initial Class A immunoglobulin factors below normal demonstrated, in the course of treatment with bioelectromagnetic radiation, an improvement of these factors. This points to protective and restorative processes in the organism, including the immune system. If the immune system functions normally, there are practically no radiation effects.

7. As far as leukocyte dynamics are concerned, no unambiguous conclusions can be drawn. This factor should be viewed in conjunction with the dynamics of the lymphocytes, T-lymphocytes and phagocytosis, and the initial status of the system.

The immunological research is still at an early stage. New avenues and methods have yet to be explored, but it can already be said that the application of bioelectromagnetic radiation to the body in accordance with the method we have developed creates the conditions for the formation of protective, restorative and compensatory processes in the immune system which improve the patient's health and cause rejuvenation.

About the Author:

Dr Chiang Kanzhen was born in Changtu, Liaoning Province, China, in 1933, and graduated from the Chinese University of Medicine in 1959. Parallel with his medical studies, Dr Chiang researched cybernetics, quantum mechanics and radio engineering, aiding the formulation of his hypothesis that genetic, biological and psychic information is transmitted by biological EHF (biomicrowave) communications.

Continued on page 84

THE HENDERSHOT MOTOR/GENERATOR MYSTERY

Lester J. Hendershot, my father, was an inventor. In his many attempts at producing practical items, he was moderately successful a few times with electronic toys, and sold some of his ideas to small manufacturers. His biggest idea, however, was so revolutionary that it embarrassed the nation's top scientists because they couldn't explain it, and if it could be perfected it would possibly eliminate the need for public electric utilities in many instances, and completely change most of our present concepts of motivation.

His first invention in this field was called a "motor" by the newspapers, but it was actually a generator which was powered by the magnetic field of the Earth. His later models created enough electricity to simultaneously light a 120-volt light bulb and a table model radio. I witnessed it furnishing the power to run a television set and a sewing machine for hours at a time in our living room.

A REVOLUTIONARY CONCEPT

It was in 1927 and 1928 that my father began to think seriously about this "fuel-less" generator. He had taken up flying in 1925 and he soon realised that the ultimate development of aviation would be greatly enhanced by the creation of an absolutely true and reliable compass. His first efforts were to produce such an instrument.

He theorised that the magnetic compass does not point to true north and varies from true north to a different extent at almost every point on the Earth's surface. Also, the induction compass has to be set before each flight, and at that time was not always reliable. He claimed that with a premagnetised core he could set up a magnetised field that would indicate the true north, but he didn't know just how to utilise that in the compass he had set out to develop.

In continuing his experiments, he found that by cutting the same line of magnetic force north and south he had an indicator of

the true north, and that by cutting the magnetic field east and west he could develop a rotary motion.

With this principle in mind, he switched his plans and began working on a motor which utilised this magnetic power. He built one that would rotate at a constant speed, a speed predetermined when the motor was built. It could be built for a desired speed, he said, and he felt that a reliable constant speed motor was one of the greatest needs in aviation at that time. The one he built developed 1,800 revolutions per minute.

In the following years he realised that the idea of a magnetically powered motor was not as practical as a magnetically powered generator, so his later work was directed toward the generator. To avoid confusion, it should be pointed out that the early experiments began on a magnetically powered motor, and later a generator.

The first significant experiments on the motor version were held at Selfridge Field, Detroit, under the direction of Major Thomas G. Lanphier, commandant of the field and leader of the First Pursuit Group. The device demonstrated at Selfridge was a small model of what he hoped would be developed into an airplane engine. Quotes in the newspapers referred to top aeronautical brass of the day and their impressions of what they saw.

One such report was credited to William B. Stout, President of the Stout Air Service, Inc., and designer of the all-metal-type plane used by the Ford Motor Company. Stout's comments were:

The demonstration was very impressive. It was actually uncanny. I would like very much to see a large model, designed to develop enough power

to lift an airplane.

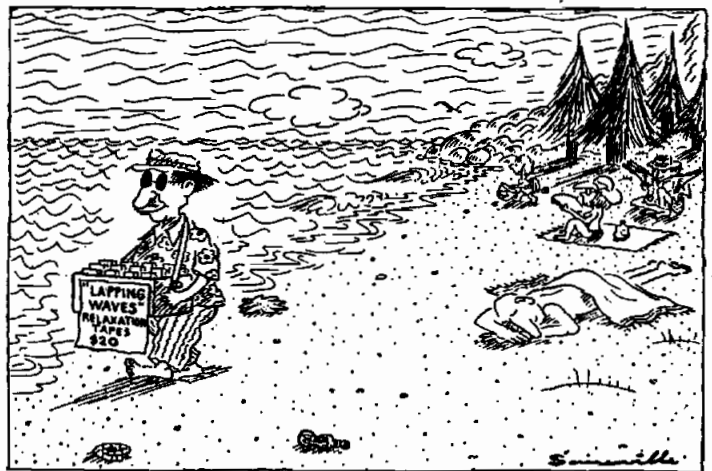
Major Lanphier's comments to reporters after the demonstrations were:

The whole thing is so mysterious and startling that it has the appearance of being a fake. I was extremely sceptical when I saw the first model, but I helped to build the second one and witnessed the winding of the magnet. I am sure there was nothing phoney about it.

My father had first shown the military brass how his model worked, then he supervised Army technicians in building their own model which worked perfectly. Major Lanphier said that the electrical men to whom they had shown the motor "...laughed at the way we wired it up and said it wouldn't work. Then it **did** work."

It was the Selfridge Field experiment which touched off the series of stories in the national press—stories with blaring headlines in such papers as the *Detroit Free Press*, *Detroit News*, *Detroit Times*, Pittsburgh papers, *The New York Times* and many others. Most of them tagged the instrument demonstrated at Selfridge the "miracle motor", and there were pictures of Major Lanphier and Col. Lindbergh, my father and the motor.

Anything in the news during that period which could be connected with Lindbergh was front page whether he had an active interest or just happened to be in the area at the time. Headlines in the various papers



read: "Gasless Motor Tested for Lindy", "Lindy Inspects Fuelless Motor For Airplanes", and "Lindbergh Tries Motor That The Earth Runs". One story even stated that, at its request, Lindbergh and Lanphier were flying to New York to show the motor to the Guggenheim Foundation for the Promotion of Aeronautics.

Later reports, however, emphasised that Lindbergh actually had nothing whatsoever to do with the experiments, and that he had just witnessed a couple of the demonstrations as the guest of his friend, Major Lanphier.

The Selfridge tests seemed to satisfy Lanphier and his associates, however, and during the period he was there, the model the technicians built obtained as high as 1,800 revolutions per minute, and they announced its performance was entirely satisfactory. It was estimated these motors would run for 2,000 to 3,000 hours before the magnet centre would have to be recharged.

INITIAL SCEPTICISM AND RIDICULE

A man named Dr F. W. Hochstetter, of the Hochstetter Research Laboratories in Pittsburgh, hastily called a news conference and displayed models of what he said was the "Hendershot Motor". He demonstrated them, and when they wouldn't work he declared that Hendershot was a fake and that the motors worked only because of power derived from concealed pencil batteries.

After he had exhibited his models of the motor, Dr Hochstetter announced that they

wouldn't generate enough electricity to "...light a one-volt firefly" or to "...stitch a fairy's breeches".

Noting the lavish lecture room in a New York hotel which had been rented by (or for) Dr Hochstetter for the press conference, Dr Hochstetter was asked why he was so interested in the Hendershot demonstrations and in trying to discredit them. He replied merely that he had "come to expose a fraud which would be capable of destroying faith in science for 1,000 years", and he claimed his only motive was that "pure science might shine forth untarnished".

It was obvious to those who were pro-Hendershot that, in view of all the fuss and bother of such a noted scientist as Dr Hochstetter, somewhere behind it all, someone was anxious for the innovation to be ridiculed.

When approached with the accusations, my father smiled and told reporters:

Dr Hochstetter is correct, to a degree. I have concealed batteries in a model or two because I found that I could not trust some of my visitors, and I also had evidence that someone had tampered with my work. So, I put a couple of batteries in on occasion to lead the intruders away from what I was working on.

He added that Major Lanphier and his Army technicians were proof enough of his claims:

I didn't build the motor that was demonstrated at Detroit. That was built by Army men under orders from Major Lanphier and under my direction. I didn't even so

much as wind the motor. They built the motor and it works. That's my answer to all the critics—it works.

Dr Hochstetter and his associates also claimed my father had signed a contract and received US\$25,000 for exploitation of the motor, but after a brief period of excitement the matter was dropped—unproven.

Not long after his demonstrations of the motor, Dr Hochstetter died under unusual circumstances. He was in a Baltimore/Ohio train wreck, and he was the only passenger on the whole train who lost his life!

My father was the butt of many jokes and comments at the time of the debates about his invention. An artist, drawing for one of the Pittsburgh papers, depicted him in a cartoon riding a propellerless airplane. The caption made fun of him. In later years, my father remarked:

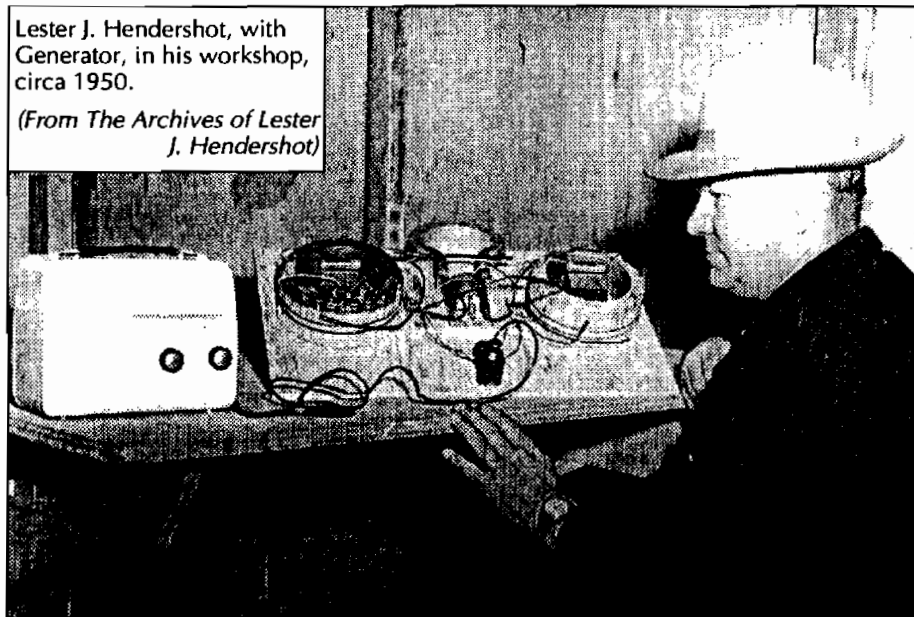
Every time I see a jet plane go over now, I think of that cartoon and how everyone laughed at me for suggesting a plane could some day fly without a propeller. Twenty-five years ago I tried to tell them that.

As suddenly as it had all started, the publicity and sensationalism over the Hendershot Motor stopped. The last news story to appear was on 10th March 1928, when a small article appeared in most papers saying that Lester Hendershot was a patient in Emergency Hospital in Washington.

The personal account my father gave the family was much the same as the newspaper quote, with the minor exception that while he was demonstrating the motor in the patent office he was hit by a bolt of 120 volts, not the jolting 2,000 volts the over-eager reporter had written. The shock paralysed his vocal chords, resulting in several weeks of recuperation before he completely recovered.

CONTINUED SUPPRESSION ATTEMPTS

Something happened during this period that could explain the actions of Dr Hochstetter and his associates. My father said that while he was in the hospital he was approached by a large corporation to stop his activity in connection with the motor or generator. Until the day he died, he would not reveal the name of the company; only that if he were successful with his generator it would be a serious threat to their multimillion-dollar industry. He named the sum he accepted as US\$25,000, and the condition was that he was not to build another unit for 20 years. That's



Lester J. Hendershot, with Generator, in his workshop, circa 1950.
(From The Archives of Lester J. Hendershot)

when he dropped out of sight.

I've thought about the bizarre events connected with the generator, and feel it is possible that the "large corporation" first tried to stop the activities through Dr Hochstetter. When this failed, they approached my father personally and bought him off.

It's interesting to note that one of the doctor's charges was that he was paid US\$25,000 to exploit his work. Isn't it odd that this is the same figure actually paid, but to **stop** his activities, and was quoted **before** he was approached with the offer?

My father admitted that he and the family lived in constant fear, as we were being contacted every so often by crackpots who had delved into the records, discovered his creation and had gone to the trouble of searching him out. Some of them, he suspected, were representatives of subversive groups and/or foreign powers.

This latter charge seems a little exaggerated, but was supported by a series of letters he received from a fellow in Ohio in 1952. He had traced my father by going back to his home town in Pennsylvania and talking to my uncle—about the generator.

The first letter explained that the fellow from Ohio was a part of a group of scientists who were privately financing their own research on the same phenomena my father discovered in 1928.

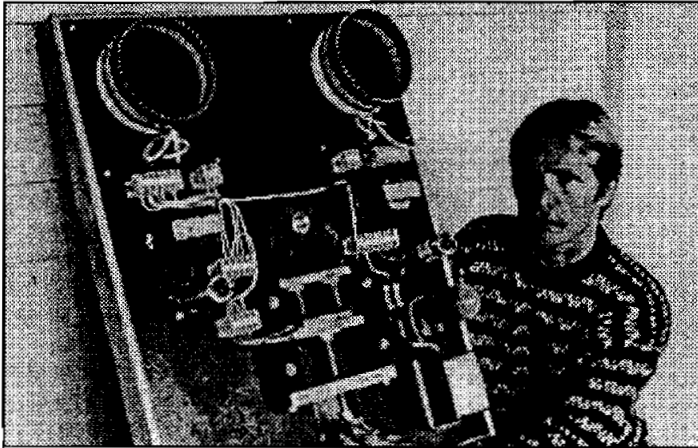
He emphasised they would not allow backing by any organisation or government since an invention such as the Hendershot Generator should be for "all the peoples and should not be controlled by national governments, but should be given gratis to the World Government when it is ready to assume World Responsibility." He was critical of my father for allowing the military to look at it in 1928.

That letter was written in April 1952, and in June a postcard came with the following terse message:

Will shortly make public via radio and newspaper, connection your generator with 'Flying Saucer Propulsion'. Request Security Clearance from Security Chief your group within 48 hours. Have succeeded in duplication of your Generator.

EARTHQUAKE GENERATOR?

In July 1952 my father received a four-page handwritten epistle from the Ohio man. To my knowledge, it was the last letter the writer sent on the subject. He discussed information his intelligence had received on flying saucers, modestly admitting his sources were better than the CIA or the FBI which he claimed had investigated him several times. He intimated that a Pasadena scientist had recent-



Author Mark M. Hendershot with present Hendershot Generator.

ly been kidnapped because he was working on an attempt to adapt the generator to aircraft.

Then he went into a long and rambling dissertation on how he got interested in what he called the "ether vortex phenomena" and the generator.

He explained that the magnetic field in the Earth and volcanic action are related, according to his studies. He had spent two-and-a-half years in Japan working with Japanese volcanic scientists on the subject.

He mentioned one study he had made, and pointed out that the shift of the strata causing the volcano was due to a rotation of the electromagnetic field of the volcano at high speeds.

He urged my father to write a complete paper on his findings and publish them (preferably send them to the Earthquake Research Institute in Tokyo).

Referring to a particularly bad earthquake which had just occurred in the Los Angeles vicinity a few months before, the writer warned my father not to operate his generator in the area near the San Andreas (seismic) Fault which runs through the area. He said:

You may not believe it, but you can cause earthquake activity to increase if

you continue to operate your generator in that district. I am wondering if you were not directly responsible for the recent earthquake near Los Angeles?

Then he promised that he and his associates would keep the possibility of his involvement in the earthquake to themselves.

Letters such as these, plus occasional phone calls when the callers would not identify themselves, and a threat from an admitted Communist which was turned over to the FBI, caused my father concern much of the time. If a large organisation would take over the generator and its research, all he wanted out of it was enough money to take care of himself and his family in the future years.

A MYSTERIOUS DISAPPEARANCE

One of the most encouraging offers came in September of 1956. My father received word that officials of the Mexican Government wanted to meet with him and discuss the possibility of

using his generator for the rural development program in Mexico. Mexican Government officials flew to Los Angeles and drove out to our house, where our family doctor, who spoke Spanish, acted as interpreter. Arrangements were made for the family to go to Mexico City, and for my father to work with Mexican technicians on the generator.

We all flew to Mexico City and were housed in an apartment near the home of the Director of Electricity. My father supervised the Mexicans in building a model. He had been working with them for several weeks, becoming more and more tense as time passed. He confessed to my mother that he was frightened because he understood no Spanish, and his fellow workers talked constantly in little groups by themselves, often glancing over at him. He couldn't understand a word they were saying, and it worried him considerably.

One morning in February 1957, the laboratory called and asked where my father was. My mother told them he had left for work in the morning, and if he wasn't there she had no idea where he might be. She became increasingly concerned as the day passed and there was no word from him.

That night he didn't come home, and we

were on the verge of hysteria by next morning. Then we received a telegram from Los Angeles. My father's fear had worked itself into a nervous frenzy and he had rushed to the airport the day before and taken a plane for California.

To the day of his death, it was a closed subject and he would never explain why he was compelled to leave us so suddenly under such strange circumstances, except that he feared for his life.

A TRAGIC DEATH

The final attempt to promote the generator came in the latter part of 1960 when a Dr Lloyd E. Cannon convinced my father that he had the facilities to present the project to the United States Navy for research and development. Cannon said he was the General Manager of his own company, Force Research of Los Angeles, Palm Springs and the Mojave Desert.

Cannon explained that his group was made up of many dedicated scientists of various fields who contributed time and knowledge to Force Research projects. The range of experimentation covered electronics, astronautics, free energies, propulsion and parapsychology.

Under my father's supervision, two models were built and 100 copies of a 56-page "proposal" were printed for presentation to the various government agencies and politicians who would have to review the project for its consideration.

After the completion of the proposal and after it had been sent to the government with no results, Cannon travelled the southwestern United States with the models, trying to raise money for research.

His visits were increasingly less frequent to our home, until 1961 when a tragic climax to this story occurred.

On 19th April 1961, upon returning home from school, I found my father dead. It was recorded as a suicide without any further investigation.

BASIC PRINCIPLES

For those who might be interested in my father's analysis of how his generator worked, the following are his theories on the subject:

- This field of magnetism surrounding the Earth is similar to the field of magnetism in a manmade generator.

- The rotor of a generator is revolved by some means of power, cutting the lines of magnetism, creating electric power. The Earth is turning inside a field of magnet-

ism. That, no one contradicts, yet it is claimed there is no power to be derived from it.

- Let's say we have a mechanism that will collect, polarise and create a positive and negative connection to this tremendous power that is ever-present on the Earth.

- Take a survey compass. You can hold the needle east or west and let go of it, and it immediately goes north and south. This same power, when cut by the proper apparatus as the Earth rotates inside this magnetism, will produce power, the amount of which is not calculated at this time.

- As long as the Earth rotates around the Sun, it will create electric power which

"As long as the Earth rotates around the Sun, it will create electric power which some scientists claim does not exist."

some scientists claim does not exist. Yet we dig into the mountains for material that costs us unbelievable sums, to create the same power.

- This magnetism surrounding the Earth is in the same relation to electric power as uranium is to atomic power. Earth's magnetism is ever present at any height or depth. It is equal to uranium as a by-product for power, namely electricity.

- Magnetism must be cut. The lines of force circling the Earth are constant, and if this force is broken up and polarised you have the equivalent of uranium broken up, which creates heat and in turn creates power.

- Breaking up the forces of magnetism, polarising them, thereby creating a resistance for power, is the same principle as atomic energy.

- Scientists claim it requires friction to generate electricity. I claim the Earth rotating as it does, according to scientific theory, creates friction as a generator. The ever-present magnetism is the field, or stator.

- We have only to utilise this source of power to light every home, highway, bridge, airplane or any type of thing that cannot now be lighted because of inadequacy of present facilities.

- A very small unit composed of wire, a magnet, several especially designed coils, condensers, collector units and a few other minor items will cut this force. Another especially designed mechanism will polarise it, giving a positive and a negative connection to any resistance, and the result is the generation of electricity.

There you have the theory of how to create electricity from the magnetic force of the Earth, written by a man with only a high-school education.

As years went by, I've always wanted to continue with my father's invention but have worried about possibly running into the same problems my father did.

It would not do my father justice just to stop all work on it. Now I am ready to fulfil his dream. Since childhood I have been fascinated by electricity and have spent over 26 years in the electrical trade. Of his three sons, I alone have pursued this fascination and have applied my knowledge and experience to carry on my father's work.

A lot of information has surfaced over the years, much of which is either backwards or just wrong according to my father's notes kept stored away by the family.

I have compiled a packet of information containing corrections to plans that others have published. Also included are several photos of the Hendershot Generator. I have decided to release this information for the purpose of raising sufficient funding to allow me to pursue a successful conclusion to my father's dream.

This packet is available for US\$64.95 postpaid from myself or the Tesla Society's Museum Bookstore (PO Box 5636; Colorado Springs, CO 80931, USA). The proceeds will help support my work.

It is my hope that this new information will allow others to succeed and, with enough successes, perhaps "big business" will not be able to stop it this time around!

© by Mark M. Hendershot

16541 Redmond Way #160
Redmond, WA 98052, USA

Reprinted with permission from
Extraordinary Science
(Oct/Nov/Dec 1994)
PO Box 5636
Colorado Springs, CO 80931, USA
Phone: +1 (719) 475 0918
Fax: +1 (719) 475 0582

The Strange Stone Discs of Baian-Kara-Ula

Unearthed from a remote mountain cave in 1938, these grooved stone discs defied translation until 1962.

Researchers claim the discs tell an astounding story of alien visitors who survived their spaceship's crash-landing in China 12,000 years ago.

© 1995 by Filip Coppens

Chief Editor, *Frontier 2000*
PO Box 372, 8250 AJ Dronen
The Netherlands
Phone: +31 (3210) 80558
Fax: +31 (3210) 18892
E-mail: fsfilco@glo.be

Just before the outbreak of the Second World War, Chinese archaeologists stumbled upon a cave containing small skeletal remains. Alongside the bodies they found stone discs that were only deciphered 20 years later. They seemed to tell of an extraterrestrial craft that had crash-landed in the mountain range of Baian-Kara-Ula 12,000 years ago. The Western media treated the news with the usual attitude of "communist propaganda—do not believe a word of it". But Hartwig Hausdorf recently returned from China with a different tale to tell. The discs exist—and do indeed seem to indicate that representatives from a spacefaring alien race visited the Chinese mountain area in antiquity.

Slowly, the mountains of Baian-Kara-Ula, along the Chinese-Tibetan border, were starting to reveal their secrets. Scientists had stumbled upon an intricate network of connecting caves. In one of them they came across the neatly ordered graves of a race that appeared most peculiar, strange even: short bodies, except for the skull which was unproportionately large. At first, the scientists believed the caves had been the habitat of monkeys; but their leader, archaeologist Professor Chi Pu Tei, pointed out he had never heard of monkeys burying their dead.

During the unearthing of the bodies, an archaeologist recovered a stone disc from the bottom of a grave. All the archaeologists gathered around the artefact and turned it in every direction, trying to figure out what it had to mean. A circular hole in the middle and a groove spiralling inward or outward, however you wanted to look at it, were the only apparent features. Had they stumbled upon a Stone Age LP? Did "The Flintstones" really exist?

Closer inspection showed that the grooves were actually a line of small carvings or signs. Each disc was a book, but, upon their discovery in 1938, nobody possessed the dictionary so no one was able to read them. All the discs were collected and stored along with the other findings made in the area. There was no reason to consider these stone discs special or important; perhaps just odd.

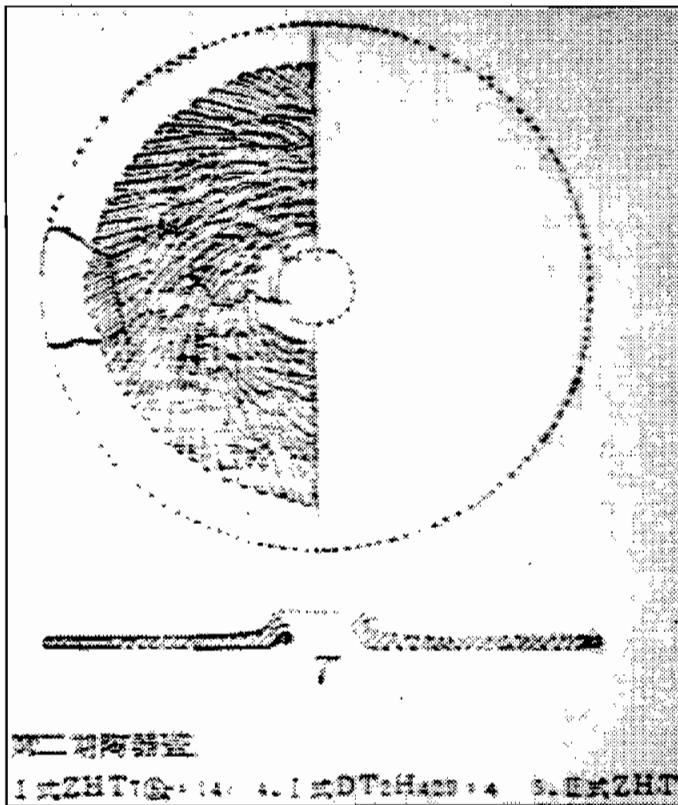
The discs were kept in Peking, where, for the next 20 years, a line of experts tried to decipher the writing. Nobody succeeded. But, in 1962, Professor Dr Tsum Um Nui did succeed, and learnt of the astonishing message the discs contained. He announced his findings to a small group of friends and colleagues, but the public remained unaware of his discovery. The public was purposefully kept in the dark, for the authorities felt it wise not to announce the professor's findings. The Peking Academy of Prehistory forbade the professor from publishing anything about the discs.

After two years of probably utter frustration, the professor and four of his colleagues were finally allowed to publish the conclusions of their research. They decided to call it "The cartelled script relating to the spaceship that, as is written on the discs, descended on Earth 12,000 years ago". The discs, 716 of which were retrieved from one cave, told the story of inhabitants of another world stuck in the mountains of Baian-Kara-Ula. The peaceful intentions of these people had not been comprehended by the local population. Many extraterrestrials had been chased and killed by members of the Han tribe, living in nearby caves.

Professor Tsum Um Nui offered a few lines of his translation:

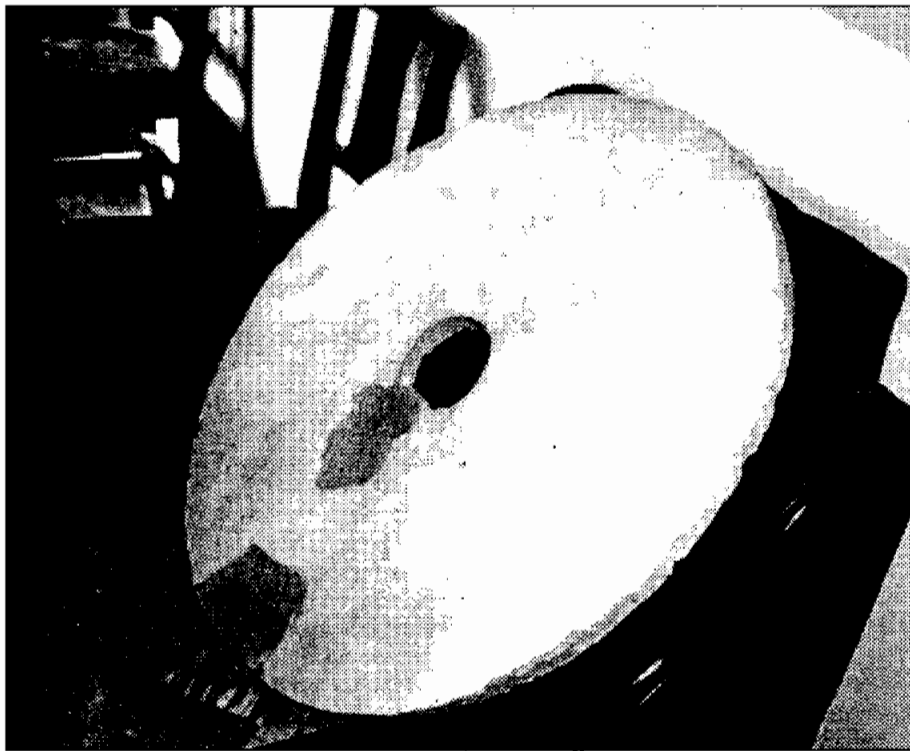
The Dropa came out of the clouds in their aeroplanes. Before sunrise, our men, women and children hid in the caves ten times. When they finally understood the sign language of the Dropa, they realised the newcomers had peaceful intentions...

Another part of the text stated the Han tribe regretted that the Dropa had crashed in this remote area and that they were unable to build a new spaceship so the Dropa could return to their home planet.



Tsum Um Nui's colleagues laughed: the good professor had clearly lost his marbles. How could such a thing be true? Their ungrateful reception made the professor decide to move to Japan, where he died the following year.

Since the discs' discovery more than 25 years before, other archaeologists had learnt more about the history of the area. That newly acquired knowledge indicated that the story, as it appeared in Tsum Um Nui's translation, could be correct. Legends circulating even at that time spoke of short, skinny, yellow men that "had



come out of the clouds a very long time ago". These people had big, knobby heads and small bodies and were a terrible sight to see, according to the locals who had chased these people away on horseback. The description of these people is identical to the bodies Professor Chi Pu Tei had recovered in 1938.

Mural paintings were found inside the cave. They depicted sunrise, the Moon, unidentified stars and the Earth—all connected with dotted lines. The discs and the cave's contents were dated at about 10,000 BC.

The caves were still inhabited by two tribes, calling themselves the Han and the Dropa, the latter people of strange expression. Barely 1.3 metres (4 feet) tall, they were neither Chinese nor Tibetan. Even an expert could not indicate their racial background.

The report on the translation of the discs, published in 1964, did not signal the end of this mystery. Obviously other people and organisations were interested.

Enquiries came from the Soviet Union, with scientists requesting some of the discs to be sent to them for study, which the Chinese did. The Soviets removed pieces of 'dirt' and made various chemical analyses. The Soviet scientists were surprised to learn that the discs contained fairly high amounts of cobalt and other metals.

Dr Viatcheslav Saizev reported in the Soviet magazine, *Sputnik*, that he had put the discs on a special machine which was somewhat like a gramophone. When turned on, the discs "vibrated" or "hummed" as if some kind of special electric charge had been pushed through the discs in a particular rhythm; or, as one scientist stated, "as if they formed a part of an electric circuit". Somehow, at one time they had been exposed to high electric charges.

Such findings, however, had little to do with the other discs that stayed behind in China. Shortly after Tsum Um Nui's decoding, the Cultural Revolution of the late 1960s swept over China, and there was no public concern over the discs' fate or their message.

In 1974, an Austrian engineer, Ernst Wegerer, stumbled upon two discs in the Banpo Museum at Xian and photographed them. The Swiss "ancient astronauts" author, Erich von Däniken, learnt of the discs and Wegerer's photographs, and wrote about the discs in one of his books. Few believed von Däniken reported a true discovery; most felt he had made it up.

It was German tour operator, Hartwig Hausdorf, who changed the situation. In March 1994, he and Peter Krassa, a friend of von Däniken, left for China. Hausdorf said later:

In Xian we visited the Banpo Museum searching for the discs that Wegerer had photographed two decades earlier. But our optimism was not rewarded. Nowhere could we find any trace of the discs. Had Wegerer really made up the entire story? That seemed unlikely.

We asked our guides and Professor Wang Zhijun, director of the museum. At first, they denied the discs even existed! Within an hour of our having shown them the photographs, Zhijun stated that one of his predecessors had indeed given Wegerer permission to photograph the discs, that the discs did indeed exist or had at least existed. Shortly after having given Wegerer permission to photograph the discs, that director was 'asked' to resign. We learnt that, ever

since, not a single trace of the director had been found.

Krassa, a compatriot of Wegerer, had managed to collect all four of Wegerer's photographs.

Director Zhijun showed us—when he realised we would not leave without knowing all there was to know—a book on archaeology in which photographs of the discs could be seen. Afterwards, he took us to a nearby centre, the location where the museum's artefacts were cleaned and catalogued. On one chair stood an enlarged copy of a stone disc. He hinted that, a few years ago, word had come down 'from above', from his superiors, that all traces of the discs had to be wiped out, and that he was to go on record as saying everything was one big lie. Such attitudes are of course not benevolent for anyone who wants to find the truth.

Had Hausdorf and Krassa been less obstinate, they might have classed Wegerer as a hoaxer.

Krassa and Hausdorf also came across the story of an Englishman, Dr Karyl Robin-Evans, who had travelled to China in 1947. Before his arrival, a Professor Lolladorff had shown him a stone disc which he believed to have been found in northern India. The object appeared to have belonged to a tribe, the "Dzopa", who had used the discs during religious ceremonies. Dr Robin-Evans stated the discs had a radius of 12 centimetres and were about five centimetres thick.

The professor put the disc on a balance and connected the balance to a typewriter. He illustrated how the disc, over a period of three and a half hours, apparently gained and lost weight! After one day, this change in weight created a printed line on the paper in the typewriter. The change in weight had allowed the typewriter to print, leaving characters on the paper. The discs could sort of type! Though it was easy to explain what had happened, how it had occurred was basically impossible. How could a stone disc change weight?

Apparently Dr Robin-Evans was unwilling to lose face over this stunning experiment. Though his report had been written in 1947, it was only published in 1978, four years after his death (see Dr David Agamon [ed.], *Sungods in Exile*, Sudbury, 1978).

After his meeting with Prof. Lolladorff, Dr Robin-Evans set course for the Chinese mountains in search of the Dzopa tribe. First, he passed through Lhasa, Tibet, where he was welcomed by the 14th Dalai Lama, who was 12 years old at the time. In 1947, Tibet was still independent. Only in 1950, when the Dalai Lama fled to northern India, did the Chinese take possession of the country. As mentioned, Baian-Kara-Ula is situated along the Chinese-Tibetan border but it suffered little, being a remote mountain range.

Once in the high mountains, Robin-Evans' Tibetan carriers decided to stay behind. They were afraid. The landscape had that sinister look and they wanted to return home. Their unwillingness illustrates how the Baian-Kara-Ula area was scarcely explored up until 1947, save the scientific expedition a decade earlier.

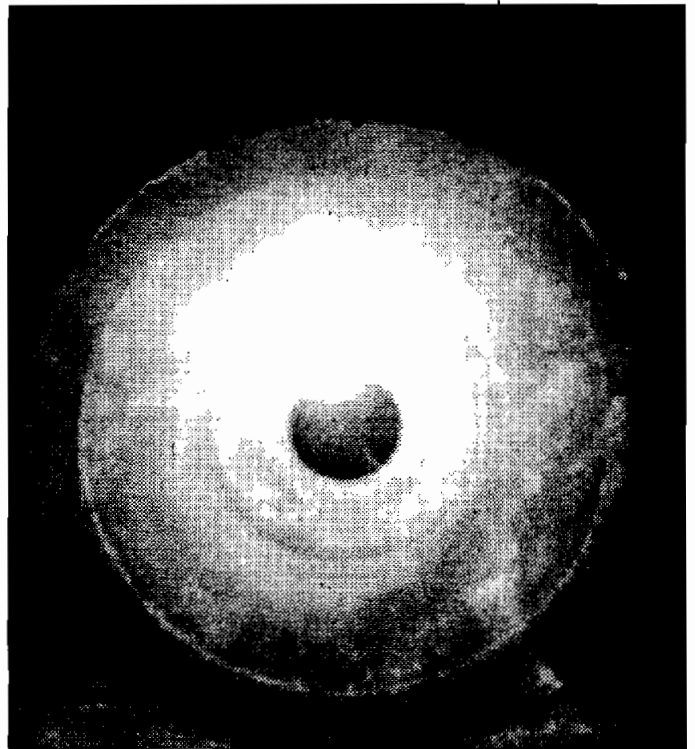
Dr Robin-Evans managed to reach his destination and gain the confidence of the Dzopa people. He was provided with a language instructor who taught him the basics of the Dzopa language.



A Chinese scientist shows Hartwig Hausdorf printed material on the Baian-Kara-Ula discs, thus proving that the discs not only existed, but were also of interest to the scientific community.

Then, Lurgan-La, the religious leader of the Dzopa, told him the history of the tribe. He stated that their home planet was in the Sirius system. (Sirius is the brightest star in the sky and is about eight light-years from us. Other tribes, such as the Dogon tribe of Mali, have claimed they descend from people from the Sirius system.)

Lurgan-La explained that two expeditions had been sent to our



Earth: the first, more than 20,000 years ago; the second in 1014 AD. During the 1014 AD visit, a few spaceships crashed; the survivors were unable to leave Earth. He said that the Dzopa are the direct descendants of those people.

Among the estate of Robin-Evans was a most remarkable photograph: the royal couple Hueypah-La and Veez-La. They measured 1.2 and 1.07 metres! Not only was their height small; their entire appearance could only be described as strange.

The important question was whether the "Dropa" and the "Dzopa" were one and the same tribes or different tribes. But Robin-Evans had apparently been aware of some controversy regarding that subject. Though "Dropa" was the correct spelling, "Dzopa" or, rather, "Tsopa" was closer to the correct pronunciation of the word. He felt it would be better to write "Dzopa", as that was closer to the correct pronunciation (see Agamon [ed.], *Sungods in Exile*).



A rare photograph of the royal couple at Baian-Kara-Ula. They measured about 1.2 metres (4 feet) tall, and believed themselves to be descendents of extraterrestrial beings.

There were only two remaining problems. The date on the stone discs, 12,000 years ago, did not coincide with the statements of the religious leader: 20,000 years ago and 1014 BC. Furthermore, the discs appeared to contain statements by non-Dropa tribesmen describing the Dropa, but the stone discs were apparently written by the Dropa. Did some locals intermingle with the Dropa? Or was the information somewhat garbled? Though Hausdorf, Krassa and Robin-Evans have been unable to explain these contradictions, more research in the future might shed new light on that aspect of this intriguing case.

Hartwig Hausdorf hopes he will receive permission to enter the Baian-Kara-Ula mountain range to search for the Dzopa tribespeople, should they still exist. But since the tribe was still in existence in 1947, there are probably living descendants today—except if the order of 1965 to "do away with all traces of the stone discs" has ended the tribe's existence.

Hausdorf looked into the latest, 1982 list of recognised national minorities in China and learnt that the Dzopa are not recognised as a minority in their home province, Qinghai. Might they therefore no longer exist? The list does specify that 880,000 people are not recognised as ethnic minorities. They make up 25 tribes. Hence they might not be recognised, or they might be listed under a different name, as the Hanyu-Pinyin transcription 'translated' certain names completely differently from what they were before.

Another mystery with which Hausdorf battled was the name of Tsum Um Nei, a name that wasn't Chinese. This fact had led to rumours that the man had never existed and was a figment of someone's imagination. But an Asian friend of Hausdorf told him that "Tsum Um Nei" was a mixture of Chinese and Japanese. The Japanese pronunciation of the name had been written down in Chinese, just like any German named "Schmidt" would be named "Smith" in America. "Obviously the guy was Japanese," Hausdorf realised, which would explain why the professor was able to return to Japan to retire.

Hartwig Hausdorf was able to prove that the stone discs and the Dzopa tribe really existed. His next task is to find out whether their legend has come down accurately—and whether it might be true. ∞

Attention Net Surfers!

If you found this story of interest, visit the author's web page on:

<http://intouch.info.nl/FSF/newssite.htm>

or

<http://www.glo.be/globe/users/fsffilco/index.html>

TWILIGHT ZONE

MIDDLE EAST UFO INCIDENTS 1. Iran, 1976

The source for the following is Fawcett & Greenwood's *The UFO Cover-up*, a compilation of documents released under the Freedom of Information Act.

These are authentic documents released by the Defense Intelligence Agency of the USA, and several researchers have filed for their release. The original sighting report and one follow-up commentary were released, while follow-up investigations were exempt from disclosure under the FoIA. The distribution list for the document detailing the incident included the

CIA, NSA, Secretary of State and the White House.

The following begins on page 82 of the book:

"This report forwards information concerning the sighting of a UFO in Iran on 19 September 1976.

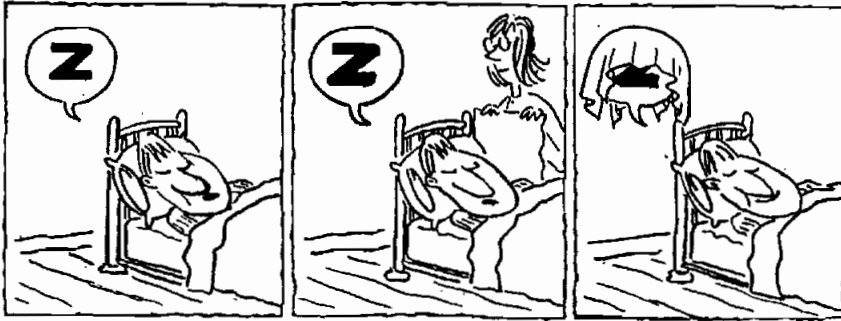
"A. At about 12.30 am on 19 Sep 76, the [deleted] received four telephone calls from citizens living in the Shemiran area of Tehran saying that they had seen strange objects in the sky. Some reported a kind of bird-like object while others reported a helicopter with a light on. There were no helicopters airborne at that time. After he

told citizens it was only stars and had talked to Mehrabad Tower, he decided to look for himself. He noticed an object in the sky similar to a star [but] bigger and brighter. He decided to scramble an F-4 from Shahrokhi AFB to investigate.

"B. At 0130 hrs on the 19th, the F-4 took off and proceeded to a point about 40 NM north of Tehran. Due to its brilliance, the object was easily visible from 70 miles away. As the F-4 approached a range of 25 NM, he lost all instrumentation and communications (UHF and intercom). He broke off the intercept and headed back to Shahrokhi. When the F-4 turned away from the object and apparently was no longer a threat to it, the aircraft regained all instrumentation and communications. At 0140 hours, a second F-4 was launched. The backseater acquired a radar lock-on at 27 NM 12 o'clock high position with the VC [rate of closure] at 150 NMPH. As the range decreased to 25 NM, the object moved away at a speed that was visible on the radar scope, and stayed at 25 NM.

"C. The size of the radar return was comparable to that of a 707 tanker. The visual size of the object was difficult to discern because of its intense brilliance. The light that it gave off was that of flashing strobe lights arranged in a rectangular pattern and alternating blue, green, red, and orange in colour. The sequence of lights was so fast that all the colours could be

ANTI-SNOORING HANDKERCHIEF



seen at once. The object and the pursuing F-4 continued on a course to the south of Tehran when another brightly lighted object, estimated to be one-half to one-third the apparent size of the moon, came out of the original object. This second object headed straight toward the F-4 at a very fast rate of speed. The pilot attempted to fire an AIM-9 missile at the object but, at that instant, his weapons control panel went off and he lost all communications (UHF and interphone). At this point the object fell in trail at what appeared to be about 3-4 NM. As he continued in his turn, away from the primary object, the second object went to the inside of his turn, then returned to the primary object for a perfect rejoin.

"D. Shortly after the second object joined up with the primary object, another object appeared to come out of the other side of the primary object going straight down at a great rate of speed. The F-4 crew had regained communications and watched the object approach the ground, anticipating a large explosion. This object appeared to come to rest gently on the earth and cast a very bright light over an area of about 2-3 kilometers. The crew descended from their altitude of 25,000 to 15,000 [feet] and continued to observe and mark the object's position. They had some difficulty in adjusting their night visibility for landing, so, after orbiting Mehrabad a few times, they went out for a straight-in landing. There was a lot of interference on the UHF, and each time they passed through a mag. bearing of 150 degrees from Mehrabad they lost their communications (UHF and

interphone) and the INS fluctuated from 30 degrees to 50 degrees. The one civil airliner that was approaching Mehrabad during this same time experienced communications failure in the same vicinity (Kilo Zulu) but did not report seeing anything. While the F-4 was on a long final approach, the crew noticed another cylinder-shaped object (about the size of a T-bird at 10M) with bright steady lights on each end and a flasher in the middle. When queried, the tower stated that there was no other known traffic in the area. During the time that the object passed over the F-4, the tower did not have a visual on it but picked it up after the pilot told them to look between the mountains and the refinery.

"E. During daylight, the F-4 crew was taken out to the area in a helicopter where the object apparently had landed. Nothing was noticed at the spot where they thought the object landed (a dry lake bed), but as they circled off to the west of the area they picked up a very noticeable beeper signal. At the point where the return was the loudest was a small house with a garden. They landed and asked the people within if they had noticed anything strange last night. The people talked about a loud noise and a very bright light like lightning. The aircraft and area where the object is believed to have landed are being checked for possible radiation.

"More information will be forwarded when it becomes available."

Interesting report! Unfortunately, whatever future information was made available was denied to FoIA filers, save for the fol-

lowing message, entitled "Defense Information Report Evaluation"—an assessment of the quality of the Iran sighting details as determined by the DIA. (The DIA is the military version of the CIA, incidentally, which deals with foreign military intelligence.) According to this form, checked boxes reveal that the reliability of information was "confirmed by other sources"; the value of information was "high (unique, timely, and of major significance)"; and the utility of the information was "potentially useful". The "remarks" section contained the following:

"An outstanding report. This case is a classic which meets all the criteria necessary for a valid study of the UFO phenomenon:

"a) The object was seen by multiple witnesses from different locations (i.e., Shamiran, Mehrabad, and the dry lake bed) and viewpoints (both airborne and from the ground).

"b) The credibility of many of the witnesses was high (an Air Force general, qualified aircrews, and experienced tower operators).

"c) Visual sightings were confirmed by radar.

"d) Similar electromagnetic effects (EME) were reported by three separate aircraft.

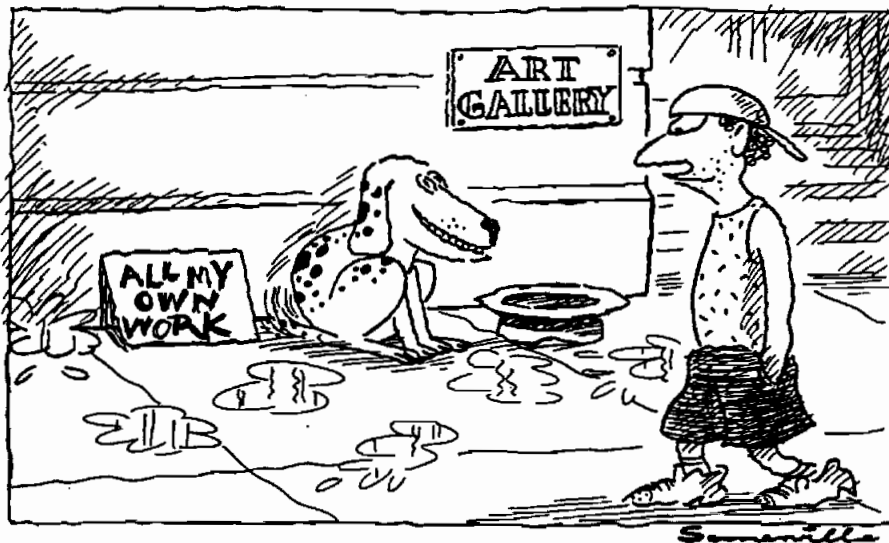
"e) There were physiological effects on some crew members (i.e., loss of night vision due to the brightness of the object).

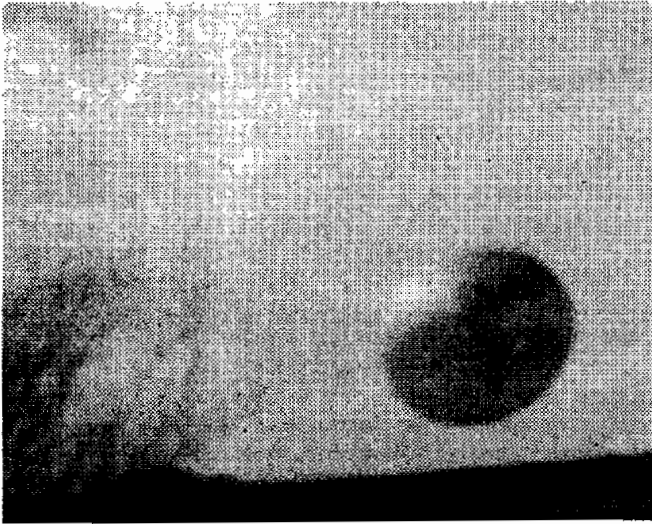
"f) An inordinate amount of maneuverability was displayed by the UFOs."

That's all that's been made available about the Tehran incident. It is important to notice that the effects mentioned in the above commentary and evident in the original description have occurred many times in other cases. The electromagnetic effects are most notable across such cases; in fact, just six weeks ago, a UFO penetrated airspace over an Argentinian airport and induced electrical failure over the entire airport and runway areas. And, amateur video footage from Mexico, taken at nighttime in the past several years' UFO wave, show brightly lit objects joining and separating as described above.

MIDDLE EAST UFO INCIDENTS 2. Kuwait, 1979

In an unrelated incident also in the Middle East, the following document is Message 290606Z, January 1979, from the American Embassy in Kuwait City to the





State Department:

"SUBJECT: UFO SIGHTINGS CAUSE SECURITY CONCERN IN KUWAIT"

"1. A series of UFO sightings on November 9 caused the GOK to appoint an investigatory committee of experts from the Kuwait Institute for Scientific Research (KISR). The committee's report, which was released January 20, described eight sightings from November to December 14. A number of the early sightings took place near a Kuwait oil company gathering center north of Kuwait City. Release of the committee's report was something of a media event as it coincided with January 21 front-page stories of yet another UFO sighting over Kuwait City, which included photographs in local newspapers.

"2. The KISR committee rejected the notion that the UFOs were espionage devices but remained equivocal about whether they were of extraterrestrial origin. The KISR committee representative, Ratib Abu Id, told Emboff that the scientists did not know enough about the phenomena to say with certainty that they weren't spaceships. The report went on to recommend that the government take all possible measures to protect Kuwait's airspace and territory as well as the country's oil resources.

"3. Some local wags have made light of the first UFO sightings which came near the end of the long and traditionally exuberant holiday celebrations of Id Al Adha. However, we have learned recently of an event coincident with one of the UFO sightings which has confounded some of our most level-headed Kuwaiti friends and may have been what persuaded the GOK to make a serious investigation of the matter. A senior Kuwait Oil Company (KOC) offi-

cial told us the UFO, which first appeared over the northern oil fields, seemingly did strange things to KOC's automatic pumping equipment. This equipment is designed to shut itself down when there is some failure which may seriously damage the petroleum gathering and transmission system, and it can only be restarted manually. At the time of the UFO's appearance, the pumping system auto-

matically shut itself down, and, when the UFO vanished, the system started itself up again. This event was not addressed by the KISR committee report.

"Even those who are not inclined to believe in visitors from outer space do tend to think something strange has been going on in Kuwaiti airspace. There has been speculation, for example, about helicopters or hovercraft bringing refugees or money out of beleaguered Iran. At the least, the phenomena have stimulated a new degree of interest among top Kuwaiti officials in the country's air defense system which did not react in any way to the 'events' in the KOC north field because it was closed down.

"Maestroni."

Requests to KISR for the committee's report were denied on grounds that it was "confidential". It seems as though this case has remained unsolved as well, while, once again, strange physical effects are noted during the UFO incident. The Tehran case is by far one of the most compelling in the history of UFO incidents with government involvement.

(Source: Newsgroups: alt.alien.visitors, alt.paranet.ufo, 18 September 1995, downloaded via Pegasus Networks)

UNIDENTIFIED FLYING OOZE

In the USA during 1994, many sightings were reported of anomalous biochemical material falling out of the sky.

On one occasion, on 17th February around 2.30 pm, 20 or more people observed "sheets of bright green liquid that rained down", and reported their sightings to health inspectors and fire officials. According to a write-up, "Green Rain on San Francisco" (*Fort Wayne Journal Gazette*, 20 Feb. 1994), preliminary inspection of the strange substance indicated "it was not dangerous", but "all samples were very diluted, hampering analysis".

The second noteworthy instance occurred on 7th August around Oakville, Washington, and was reported in the *Seattle Post-Intelligencer* of 18 and 20 August. The incident involved one Sunny Barclift, a resident of Grays Harbor County near Oakville, who found tiny blobs of jelly-like substance on the grounds of her home. According to Sunny, the fragments came down during two rain showers, but their appearance coincided with illness in both Sunny and her mother, Dottie Hearn, as well as a friend.

FAA spokesman Dick Meyer reportedly examined the material and concluded it was not aircraft waste. Dr David Little, who treated Dottie Hearn, also examined the material and sent it off for testing. The laboratory found that human white cells were present in the green, jelly-like slime!

(Source: *The Leading Edge* #79, February 1995)



THE TWILIGHT ZONE

CHINA'S "CREATURE FROM THE BLACK LAGOON"?

At the bottom of a gorge in a remote mountainous region in central China's Hubei province there allegedly lives a giant, ugly, vapour-breathing water dragon, or *shui guai*.

Over the past 30 years, numerous sightings have been reported in Shennongjia National Forest, although historical mentions of its existence date from the 3rd century AD.

According to China's leading water dragon expert Professor Lui Minzhuang, from the Shanghai East China University, the monster is a relic from the Palaeolithic era when the Shennongjia region was submerged. (A similar explanation has been ascribed to Scotland's fabled Loch Ness Monster.)

Observers claim the *shui guai* looks like a giant toad, has red hair across its shoulders, a flat head and protruding eyes as big as lanterns.

They say the creature has fat, human-shaped webbed hands with long fingernails, webbed feet as big as a bathtub, and a mouth a metre wide from which it exhales long plumes of white vapour. Local fishermen nicknamed it "Chan", or toad, because of its ugly appearance.

The recent spate of sightings began in 1962 when fishermen, throwing explosives into the gorge, disturbed "Chan" who allegedly emerged and chased the men about 30 metres into thick forest.

The Chinese Academy of Sciences had taken the reports seriously enough to send a research team on a two-month expedition to the region in May-June 1995, although their findings are still to be made public.

(Source: AAP, 8 April 1995)

PSI-WARS: BEYOND SCI-FI?

It has been alleged on a television program broadcast in Germany last May that a "Psychotronic Influence System" (PIS) developed in the 1970s by the Soviet KGB is being used today by the Russian police in handling drug dealers and demonstrators.

The technique utilises hypnosis together with high-frequency radio waves and can be activated by code-words or ciphers to program people to become "human weapons".

The system was first made public in early 1995 during a Russian conference sponsored by Mikhail Gorbachev's Glasnost Foundation. After that, hundreds of former Soviet soldiers, police and even KGB members sued for damages, claiming they were psychological wrecks with chronic headaches and hallucinations.

According to Alexander Kutchurov, head of Russia's Institute for Parapsychological Research, the PIS renders its subjects incapable of feeling sympathy.

A former PIS project leader, Valery Kaniuka, describes its effect as "the destruction of the human intellect", and laments his part in the project.

Yuri Malin, a former Gorbachev security adviser, explained that PIS was begun in response to a similar training scheme launched by President Carter in the USA. But while Gorbachev put a stop to PIS training in 1988, the technique found its way onto the free market, available to gangsters and private security groups as well as the police.

Other reports appear to indicate that the use of this technology is increasing yearly.

(Sources: AP, 22 May 1995; *Fortean Times* #83, October-November 1995)

OFFICIAL: ROSWELL PAPERS WERE DESTROYED

Any hope that the US Government's General Accounting Office (GAO) investigation into the administration of the Roswell Army Air Field (RAAF) might clear up the mystery of the alleged July 1947 UFO crash nearby has faded. Their report confirms that nearly all the base's administrative records and messages between March 1945 and December 1949 are missing, presumed destroyed.

Steve Schiff, the Republican congressman for New Mexico whose inquiries into the incident helped bring about the official investigation, said that while the RAAF was telling the world that the debris recovered from the crash site was nothing more than a weather balloon, the missing messages would have revealed what the Roswell military officials were telling their superiors.

The GAO discovered that the documents were destroyed about 40 years ago; but could not explain by whom or why.

The two documents successfully located refer to the wreckage as "a radar tracking device", but Schiff believes this to be part of the original cover-up. While many UFO buffs will be disappointed by this low-level information which comes without any hint of recovered alien bodies, Schiff praised the GAO for their thoroughness.

A copy of the report—which admits that "the debate on what crashed at Roswell continues"—can be obtained by phoning the GAO office in Washington, D.C. on +1 (202) 513 6000 and asking for document number GAO/NSIAD-95-187.

(Sources: Press Release from Steve Schiff, 28 July 1995; *The Times*, 30 July 1995; *Fortean Times* #83, October-November 1995)



REVIEWS

PRODUCTS

THE RAVE MAN from Vibrance

Price: AUD\$115.00 inc. p&h in Australia; AUD\$121.00 airmail to NZ; STG£65.00 airmail to UK; USD\$100.00 airmail to USA
Available: **Australia**—NEXUS Magazine, PO Box 30, Mapleton, Qld 4560, ph (07) 5442 9280, fax (07) 5442 9381; **UK**—NEXUS Office, 55 Queens Rd, E. Grinstead, W. Sussex RH19 1BG, ph (01342) 32 2854, fax (01342) 32 4574.

Despite its name, The Rave Man is actually quite a great little unit. Normally these machines cost anything from \$300 upwards, but, as you can see, this one is priced to sell.

There are basically three choices of operation with The Rave Man.

1. Use it for your typical 'mind machine' relaxation/stress-reduction/speed-learning uses, by manually adjusting the intensity and rhythm. It offers a wide range of frequencies, from a delta-sleep slow of 2 Hz to a buzzing focussed energy of beta 16 Hz.

2. Hook it up to your favourite music and let the music's rhythm control the flashing of the lights on the glasses.

3. Clip it onto your belt, put on the glasses, plug in the microphone and take it dancing. The external sound source will trigger the flashing lights in time to the music.

Be warned, though: if you are subject to epilepsy or seizures of any kind, this is not for you.

It is also suggested that you do not use this device while on medication; and, while we are at it, you should definitely not use this machine while driving a vehicle!

BOOKS

THE PARADISE CONSPIRACY by Ian Wishart

Published by Howling At The Moon Productions Ltd (1995), Auckland, New Zealand

ISBN 0-473-03397-6 (370pp s/c)
Price: AUD\$24.95 + AUD\$5.00 p&h; NZD\$29.95 +NZD\$5.00 p&h; STG£12.95 + p&h; USD\$19.95 + p&h

Available: **New Zealand**—Howling At The Moon Productions Ltd, Box 16-233, Sandringham, Auckland; voicemail +64 (2) 576 0014.

NEXUS readers may remember an incident several years ago involving a New Zealand chap named Paul White, who happened to find a whole pile of computer discs in some secondhand goods he purchased. Apparently the discs contained very sensitive banking

information. The next thing we read was that Mr White died in a car accident and was simultaneously robbed of NZ\$15,000 cash he was carrying—the amount a certain bank paid him for the return of the discs.

The Paradise Conspiracy is a result of one journalist's research into the unanswered questions stemming from Paul White's mysterious demise, a demise that opened a Pandora's box of international proportions!

It reveals a very large and disturbing picture of corruption involving government, big business, big banks, the media and law enforcement agencies, all conspiring to keep the contents of this book from being made public.

If you ever doubted that such forces could or would work together, read this book. Its contents will shock even sceptics among you.

ANGELS DON'T PLAY THIS HAARP Advances in Tesla Technology

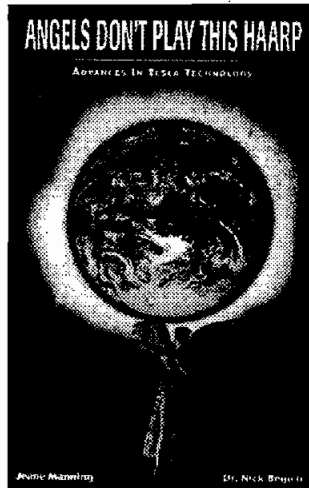
by Dr Nick Begich and Jeane Manning
Published by Earthpulse Press (1995), Anchorage, Alaska, USA

ISBN 0-9648812-0-9 (233pp s/c)
Price: USD\$14.95 (+ USD\$1.50 p&h in USA, or USD\$4.00 foreign)

Available: **USA**—Earthpulse Press, PO Box 201393, Anchorage, Alaska 99520, USA, ph/fax +1 (907) 249 9111.

Since Nick Begich's initial exposé of HAARP—the High-frequency Active Auroral Research Program—was published in NEXUS (vol. 2 #22), he and 'new energy' researcher Jeane Manning have collaborated to write this eye-opening book. (See HAARP feature this issue.)

Located in remote Alaska, the HAARP transmitter, expected to be fully operational



REVIEWS



BOOKS

by 1998, will be able to beam more than 4.7 gigawatts of power into the ionosphere. This could change weather patterns over large areas, disrupt the mental and physical health of whole populations, jam global communications systems, interfere with wildlife migration patterns and seriously disturb the Earth's ionosphere, destroying the planet's shield against cosmic radiation.

If you are at all concerned about the future of planet Earth—or about becoming a zombie in the hands of the military-industrial complex—we strongly urge you to become better informed about HAARP and the principles and technologies behind it.

CARL SAGAN AND IMMANUEL VELIKOVSKY

by Charles Ginenthal

Published by New Falcon Publications (1995), Tempe, Arizona, USA
ISBN 1-56184-075-0 (448pp s/c)
Price: AUD\$29.95; STG£13.99; USD\$16.95

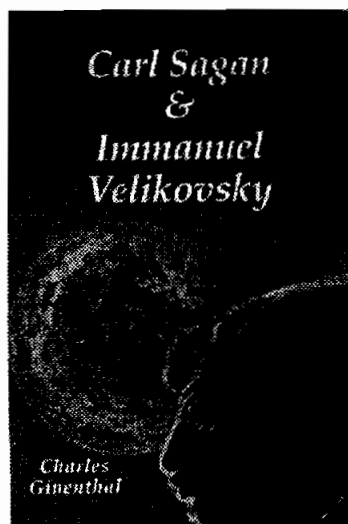
Available: **Australia**—Dist. by Boobook Publications P/L, PO Box 163, Tea Gardens, NSW 2324, ph (049) 97 0811, fax (049) 97 1089; or Sydney Esoteric Bookshop, ph (02) 212 2225, fax (02) 212 2448; **UK**—Airlift Book Co., 8 The Arena, Mollison Ave, Enfield, Middx. EN3 7NJ, ph (01811) 804 0400; **USA**—New Falcon Publications, 1739 East Broadway Road, #277, Tempe, AZ 85282, ph (602) 246 3546.

When Dr Immanuel Velikovsky's *Worlds in Collision* was published in 1950, it caused a sensation with enormous popular interest on one hand and bitter scientific criticism on

the other. That criticism has been fuelled in the past 20 years by well-known astronomer and personality Dr Carl Sagan of Cornell University, USA.

In a move designed to counter Dr Sagan's grip on balanced public discussion, author/researcher Charles Ginenthal presents a fascinating defence of Velikovsky and his unconventional theories about the origins of the solar system. With his detailed analysis of Sagan's writings and lectures, Ginenthal exposes the dirty tricks that Sagan has employed in trying to denigrate Velikovsky's findings.

The reader is left amazed at the antics of a supposedly world-respected scientist who resorts to such shallow and dishonest argument with the ultimate aim of stifling scientific enquiry. Ginenthal's exposé reinforces the credibility of Velikovsky's theories and is worthy of wide attention.



THE CURE FOR ALL DISEASES

With Many Case Histories

by Hulda Regehr Clark, Ph.D., N.D.

Published by ProMotion Publishing (1995), San Diego, CA, USA
ISBN 1-887314-02-4 (596pp s/c)
Price: AUD\$39.00 + \$5.00 p&h; STG£18.95 + STG£1.50 p&h; USD\$21.95 + p&h

Available: **Australia**—Books of Revelation, 77 Pound Rd, Warrandyte, Vic 3113, ph (03) 9844 4492, fax (03) 9844 4884; **UK**—Melanie Davies, The Cottage, Bovisand Lane, Down Thomas, Devon PL9 0AE, ph (01752) 86 2411; **USA**—ProMotion Publishing, 3368F Governor Drive, #144, San Diego, CA 92212, ph (800) 231 1776.

This is the latest book from Dr Hulda Clark whose groundbreaking work on the cause and cure of disease—especially cancer and AIDS—was featured in NEXUS vol. 2, # 22 & 23. Here, Dr Clark reiterates the link between parasites, solvents and disease, but also details her promising discovery that electricity, i.e., positive voltage, can kill pathogens and parasites in minutes.

Dr Clark's 9-volt-battery-powered "zapper" is a compact pulse generator with an output around 30 KHz. She claims that when applied, it is capable of killing all parasites, bacteria, viruses, moulds and fungi—all of which having characteristically low bandwidths in the range of 77 to 900 KHz. Three 7-minute zapping sessions only are needed to transform a multitude of disease states. (Note: Dr Clark warns that some 'good' bugs could be killed off, but can be easily replenished by eating yoghurt.)

Dr Clark provides instructions on how to make your own "zapper" at minimal cost; plus, she shows how to build and use two



REVIEWS

BOOKS

other bioelectronic devices: the Syncrometer for diagnosis and monitoring, and a frequency generator for electrocuting particularly hardy organisms.

This is highly accessible technology with great self-help promise, supported by Dr Clark's back-up advice on pathogen physiology, biofrequencies, treatment of specific ailments, correct diet; even how to make safe pesticides. A book to rock the medical establishment and put you back in charge!

WHEN THE SKY FELL

In Search of Atlantis

by **Rand & Rose Flem-Ath**

Published by Weidenfeld & Nicolson/Orion Publishing (1995), UK; first published by Stoddart Publishing Co. Ltd (1995), Ontario, Canada

ISBN 0-297-81628-4 (179pp h/c)

Price: AUD\$39.95; STG£18.99; USD\$/n/a

Available: **Australia**—Dist. by Allen & Unwin, St Leonards, NSW, ph (02) 901 4088, fax (02) 906 2218; or Sydney Esoteric Bookshop, ph (02) 212 2225, fax (02) 212 2448; **UK**—Orion Publishing, 5 Upper St, Martins Lane, London WC2H 9EA, ph (0171) 240 3444, fax (0171) 240 4822. **USA**—St Martins Press, New York, ph (212) 674 5151.

Canadian librarians Rand and Rose Flem-Ath have assembled a daring and extremely convincing argument that the location of the lost civilisation of Atlantis is the Antarctic continent. They have concluded that a civilisation of intelligent seafarers existed up to 12,000 years ago before being wiped out by geological catastrophe.

The Flem-Aths base their hypotheses on the theories of American scientist Charles Hapgood, who first expounded his theory of Earth crust displacement in his milestone 1958 text, *The Earth's Shifting Crust*. He proposed that the crust acts like a floating layer and periodically through geological history can move dramatically, causing cataclysmic earthquakes, tidal waves and continental drift, even without a shift of the Earth's axis. Thus not all latitudes are affected equally by Earth changes such as ice ages.

The authors present some fascinating maps, including the Piri Re's map which bears an outline of Antarctica minus the ice, suggesting that an ancient, advanced civilisation mapped the planet well before the last major Earth catastrophe.

Combining mythology with a wealth of scientific and historical information, the Flem-Aths' research will shake a few foundations. If they are correct in their conclusions linking Atlantis with Antarctica, it sure puts a different emphasis on the military's fascination with the 'last' continent.

MYSTERIOUS AUSTRALIA

by **Rex Gilroy**

Published by NEXUS Publishing (1995), Mapleton, Qld, Australia

ISBN 0-646-25393-X (295pp s/c)

Price: AUD\$20.00 inc. p&h; AUD\$26.00

airmail to NZ; STG£13.00; USD\$16.95

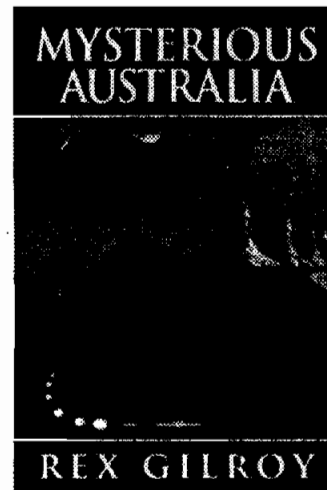
Available: **Australia**—NEXUS Magazine, PO Box 30, Mapleton, Qld 4560, ph +61 (07) 5442 9280, fax (07) 5442 9381; **UK**—NEXUS Office, 55 Queens Rd, E. Grinstead, W. Sussex RH19 1BC, ph +44 (1342) 32 2854, fax (1342) 32 4574; **USA**—Adventures Unlimited, PO Box 74, Kempton, IL 60946, ph (815) 253 6390, fax

(815) 253 6300.

This is the much-awaited first book from Rex Gilroy, widely known for his untiring research into Australia's enigmas.

In over 30 years of exploring and gathering Aboriginal mythological, historical and recent accounts, Rex Gilroy has amassed intriguing evidence—that the Great South Land was once the home of a megalith-building civilisation, and has been (and still is) inhabited by 'relict' hominids; that this continent has a long history of visits by UFOs (they probably still have bases here), as well as by ancient Egyptian, Phoenician and Chinese seafarers; that long-thought-extinct dinosaurs, huge lizards and giant marsupial 'cats' still roam the wilderness; that plesiosaurs breed in the Hawkesbury River near Sydney—more than enough to convince all but the closed-minded that Australia is a land of mysteries beyond our wildest imaginings.

The eyewitness reports that Rex presents



REVIEWS



BOOKS

make gripping reading, particularly as it becomes apparent that close encounters with yowies, 'extinct' beasts and aliens continue to the present day.

Regrettably, in what smacks of a hidden agenda, the scientific/academic communities and mainstream media have ridiculed Rex Gilroy's research, ignoring, rejecting and even sabotaging it when they should be taking it seriously. With *Mysterious Australia*, Rex makes a courageous attempt to redress this situation and encourage other researchers to carry on this exciting work. This book will change your view on reality—and is bound to ruffle a few feathers!

UPCOMING CHANGES: Prophecy & Pragmatism for the Late Nineties

by Joya Pope

Published by Emerald Wave (1995), Box 969, Fayetteville, Arkansas, 72702, USA
ISBN 0-942531-38-8 (273pp s/c)

Price: AUD\$28.00; USD\$13.95

Available: **Australia**—Sydney Esoteric Bookshop, 408 Elizabeth St, Surry Hills, NSW 2010, ph (02) 212 2225, fax (02) 212 2448; **USA**—Dist. by New Leaf, ph (404) 691 6996, fax (404) 699 7213; Baker & Taylor, Bookpeople, Moving Books.

Upcoming Changes is the new volume from Joya Pope who channels Michael, whom she defines as "...the group consciousness of just over a thousand souls who have completed all Earth lifetimes and are now teaching from another plane of existence..."

Covered are the '90s shifts in consciousness, soul-age groups, moral problems, male/female interaction as well as information about political and Earth changes "Michael" sees as likely to sweep the world as we move into the next millennium.

For those who seek guidance, who feel changes coming and are looking for ways to prepare, there is plenty of advice on getting inspiration, on finding new locales, on tuning into the spirit of nature and adventure, on self-care, and on mending and fulfilling your soul purpose. Inspirational and provocative reading.

THE OBEDIENCE OF AUSTRALIA

by Peter Jones

Published by Black Books (1995), UK
ISBN n/a (167pp s/c)

Price: AUD\$ n/a; STG£10.00 + £2.50 overseas p&h

Available: **Australia**—(From early '96) T.S. Bookshop, 126-128 Russell St, Melbourne, Vic. 3000, ph (03) 650 3955, fax (03) 650 4894; **UK**—Millennium Books, 9 Chesham Rd, Brighton, Sussex BN2 1NB, ph +44

(01273) 67 1967.

The Obedience of Australia is an attempt to make sense of the Masonic ties that bind Britain and Australia. Based on his collected evidence, author Peter Jones concludes that Australia is in reality run from London.

In order for the reader to get an idea of the secret agendas involved, Jones presents his potted history of control of Australia from 1960 against the backdrop of covert Establishment dealings in the 'home' country. Conspiracy researchers will recognise many familiar names, but will get quite a few surprises with some interesting unexpected connections amongst people and companies.

Jones claims that one significant event in Australian history, the sacking of the Whitlam government, was orchestrated by local Freemasons under the guise of the Order of St John—a supreme act of "obedience" to Masonic brothers.

While by no means a definitive study of Masonic intrigue, Jones's book uncovers some disturbing revelations and will raise a few eyebrows.

YOUR BODY'S MANY CRIES FOR WATER

You Are Not Sick, You Are Thirsty!

by F. Batmanghelidj, M.D.

Published by Global Health Solutions, Inc. (1995, 1992), Virginia, USA

ISBN 0-9629942-3-5 (181pp s/b)

Price: AUD\$30.00; STG£9.95; USD\$14.95 + p&h

Available: **Australia**—Sydney Esoteric Bookshop, ph (02) 212 2225, fax (02) 212 2448; **UK**—The Therapist Ltd, Suite B, The Office, 7 Chapel Rd, Worthing, W. Sussex BN11 1EG; **USA**—Global Health Solutions, Inc., PO Box 3189, Falls Church, VA 22043, ph (703) 848 2333, fax (703) 848 2334.

Years of research have led Iranian-born Dr Batmanghelidj to believe that chronic dehydration is the root cause of many major diseases. He has successfully treated allergies, angina, asthma, arthritis, headaches, hypertension, ulcers and more with the simplest of solutions—water.

In *Your Body's Many Cries For Water*, Dr Batmanghelidj explains water's physiological importance, how to recognise the body's dehydration signals, and why the regular intake of water as a preventive health measure has been so overlooked by medical professionals in the main.

His recipe for better health and greater longevity is to drink six to eight 8-ounce glasses of clean water every day—one glass, half an hour before each meal as well as two-and-a-half hours afterwards. Such simple advice, yet what discipline is required for this simple 'medicine'!



REVIEWS

BOOKS

MILLENNIUM PROPHECIES Predictions for the Year 2000

by A. T. Mann

Published by Element Books (1995, 1992), UK, USA, Australia (for J. Wiley Ltd) ISBN 1-85230-685-8 (143pp p/b) Price: AUD\$12.95; CAN\$9.99; STG£4.99; USD\$7.95

Available: **Australia**—Dist. by Jacaranda Wiley Ltd, North Ryde, NSW, ph (02) 805 1100, fax (02) 805 1597; or Sydney Esoteric Bookshop, ph (02) 212 2225, fax (02) 212 2448; **UK**—Dist. by Element Books Ltd, Shaftesbury, Dorset SP7 8BP, ph (01747) 85 1339; **USA/Canada**—Dist. by Element Books, Inc., PO Box 830, Rockport, MA 01966, USA.

Time is ticking away for end-of-the-millennium watchers as the most crucial years to which the prophets through the centuries have alluded are now upon us.

Astrologer A. T. Mann, in this classic guide to end/beginning times (just released in paperback), provides background on time cycles and calendars, relativity and human intuition as a means of understanding the nature of prophecy and what the prophets through history and across cultures have said about the millennium changeover.

As well as featuring key predictions from famous seers such as Nostradamus, Mother Shipton and Edgar Cayce, Mann explores some of the esoteric 'trans-Himalayan' prophecies of the Theosophical school.

Mann considers forthcoming planetary alignments, e.g., the 11th August 1999 grand cross/eclipse in the fixed signs of the four 'beasts' of the Apocalypse, which he considers likely to result in a particularly violent global catastrophe before the dawning of the new millennium, a new age and another string of prophecies. Time will tell.

DEAD MEN CAN'T TALK

by Alexander Niles

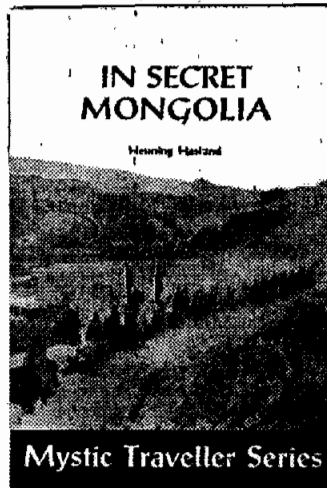
Published by PEP Ltd (1995), UK ISBN 0-9525920-0-2 (317pp s/c) Price: STG£5.95 + STG£2.50 o/s p&h Available: **UK**—Alexander Niles, St Leonard's Mead, St Leonard's Hill, Windsor, Berks. SL4 4AL, ph +44 (01753) 85 2400.

Dead Men Can't Talk is a fictional account based on the author's investigation into the mysterious deaths of 23 scientists working in the British defence industry in the 1980s.

Alexander Niles introduces the story with a rundown on the evolution of Britain's defence capabilities, with particular reference to electronic defence—"the heart of modern warfare"—and the latest link-ups

with "Star Wars" systems. He points out that as technology has developed in leaps and bounds, so too has the need for secrecy; thus, he asserts, the collapse of the Eastern bloc was engineered because the Soviet Union could never catch up with Western defence advances.

Told from the perspective of a freelance reporter, this story has a frightening air of reality about it; all the more so, knowing that the truth is always stranger and more shocking than fiction.



IN SECRET MONGOLIA

by Henning Haslund

Published by Adventures Unlimited Press (1995), Kempton, IL, USA (originally publ. by Kegan Paul (1934), London, UK) ISBN 0-932813-27-5 (366pp s/c) Price: AUD\$28.00 inc. p&h; AUD\$45.00 airmail to NZ; STG£14.99; USD\$15.95 + p&h

Available: **Australia**—NEXUS Magazine, PO Box 30, Mapleton, Qld 4560, ph (07) 5442 9280, fax (07) 5442 9381; **UK**—Gazelle Book Services Ltd, Falcon House, Queen Square, Lancaster, Lancs LA1 1RN, ph (01524) 68765; **USA**—Adventures Unlimited, PO Box 74, Kempton, IL 60946, ph (815) 253 6390, fax (815) 253 6300.

Originally published in 1934 as *Tents in Mongolia*, this rare travel book has been republished by Adventures Unlimited Press as part of their Mystic Traveller Series.

In Secret Mongolia is Danish explorer Henning Haslund's account of his adventures on a camel caravan across the Gobi Desert, where he meets with renegade generals and warlords and is captured, held for ransom and thrown into prison. He takes us back to the Mongolia of the shamans where he encounters reincarnated white and black gods, and battles black magic.

Accompanied by classic b/w photographs, Haslund's text also reflects the birth of the

REVIEWS



BOOKS

new Mongolia and provides a glimpse into a nation that has already changed considerably before being opened up to the world.

They don't write travel books like this any more. An armchair mystic traveller's joy!

BAD MEDICINE: IS THE HEALTH-CARE SYSTEM LETTING YOU DOWN?

by John Archer

Published by Simon & Schuster Australia (1995), East Roseville, NSW, Australia
ISBN 0-7318-0508-9 (248pp s/c)

Price: AUD\$16.95 + overseas p&h
Available: **Australia**—Distributed by Simon & Schuster Australia, ph +61 (02) 417 3255, fax +61 (02) 417 3188; or Sydney Esoteric Bookshop, ph +61 (02) 212 2225, fax (02) 212 2448.

Written for health consumers, this book is a timely but shocking exposé about the sorry state of medical practice in Australia.

Bad Medicine details some disturbing aspects of medicine, e.g., diagnostic dangers, drug prescription abuses, unnecessary surgical and obstetric interventions, doctor-induced diseases, exploitation of women, the risks of going to hospital, and much more.

On this latter point, in Australia it has been estimated that 12,000 people die in hospitals annually as a result of preventable mistakes, and up to 230,000 suffer unnecessary injury. As author John Archer assesses, "Medicine in itself has become a major health hazard."

Archer argues that medicine must become more scientific and accountable if it is to continue being subsidised by taxpayers. We as consumers also need to re-examine our attitudes to the medical establishment and be more objective about the risks whenever we consult a doctor, take medication or go to hospital. Indeed, we have to realise the importance of taking responsibility for our own health.

THE JESUS CONSPIRACY

by Holger Kersten & Elmar R. Gruber

Published by Element Books (1995, 1994), UK, USA, Aust (for J. Wiley Ltd)

ISBN 1-85230-756-0 (374pp p/b)
Price: AUD\$12.95; CAN\$9.99; STG£4.99; USD\$7.95

Available: **Australia**—Dist. by Jacaranda Wiley Ltd, North Ryde, NSW, ph (02) 805 1100, fax (02) 805 1597; or Sydney Esoteric Bookshop, ph (02) 212 2225, fax (02) 212 2448; **UK**—Dist. by Element Books Ltd, Shaftesbury, Dorset SP7 8BP, ph (01747) 85 1339; **USA/Canada**—Dist. by Element Books, Inc., PO Box 830, Rockport, MA 01966, USA.

This is the controversial book (now out in

paperback) which preceded *The Original Jesus*, reviewed in our last issue.

Upon examination of the scientific and historic data, authors Kersten and Gruber are convinced that the image on the Turin Shroud is of a man (Jesus) still alive when laid in the burial shroud.

The authors present exhaustive evidence that the Vatican, fearful of the implications for Church teachings, manipulated the Turin Shroud carbon-dating tests by providing samples from a mediaeval cloth. They contend that the Vatican fully intended for the Shroud to be declared a fake so they could maintain the Crucifixion doctrine and uphold St Paul's absurd emphasis on salvation/resurrection—which the authors regard as a distortion of Jesus' true message of love in action.

The Jesus Conspiracy is a gripping read that uncovers some worrying facts about the Christian heritage which warrant serious consideration and closer analysis.



NOSTRADAMUS: THE NEW REVELATIONS

by John Hogue

Published by Element Books (1995, 1994), UK, USA, Aust (for J. Wiley Ltd)

ISBN 1-85230-683-1 (256pp s/b)

Price: AUD\$29.95; CAN\$26.99;

STG£9.99; USD\$19.95

Available: **Australia**—Dist. by Jacaranda Wiley Ltd, North Ryde, NSW, ph (02) 805 1100, fax (02) 805 1597; or Sydney Esoteric Bookshop, ph (02) 212 2225, fax (02) 212 2448; **UK**—Dist. by Element Books Ltd, Shaftesbury, Dorset SP7 8BP, ph (01747) 85 1339; **USA/Canada**—Dist. by Element Books, Inc., PO Box 830, Rockport, MA 01966, USA.

Another title in the growing list of books attempting to interpret the prophecies of the 16th-century seer, Nostradamus, this glossy



REVIEWS

BOOKS

offering, rich with full-colour photos and historical illustrations, impresses yet frustrates with its often too brief analysis of many quatrains dealing with the yet-to-be-fulfilled prophecies.

Author John Hogue's interesting new interpretations come from years of analysing Nostradamus' quatrains—but, as with other researchers, we don't have to agree with them. His views could benefit from a healthy dose of world conspiracy history, as his current affairs observations sometimes reflect mass media propaganda.

The astrologically inclined may query some of Hogue's literal interpretations of planetary connections referred to in the quatrains, where the seer might well have been writing of nations or individuals.

Still, John Hogue provides enough intriguing material to keep many a student of prophecy occupied well into the next millennium!

VEGETARIAN BABY & CHILD

Nutritional guidance and recipes to help raise a healthy child

by Petra Jackson

Published by New Burlington Books (1995), London, UK

ISBN 1-85348-815-1 (144pp s/c)

Price: AUD\$19.95; STG£9.99; USD\$/n/a

Available: **Australia**—Dist. by National Book Distributors Pty Ltd, 3/2 Aquatic Drive, Frenchs Forest, NSW 2086, ph (02) 975 6799, fax (02) 452 6255; **UK**—Quarto Publishing, 338 Euston Rd, London NW1 3BH, ph (0171) 873 6000, fax (01235) 40 0500; **USA**—selected bookshops.

This is a beautifully presented book that will appeal to parents who would like to get their children into vegetarian eating habits but perhaps are concerned about the nutritional requirements and implications.

Here, Petra Jackson gives the basics on food group combinations and shopping lists, together with menus and methods for usually easy-to-prepare dishes to please babies, infants, toddlers and older children—even the whole family. There are great ideas for tasty school lunches, nutritious snacks, fast meals, and even children's parties with an emphasis on fun without compromising nutrition.

So many parents despair of children's mealtimes and often are stumped for ideas or resort to fast-food take-aways, but when such tasty treats as these are possible, there's no excuse for the kids not to eat their vegies—and a few more adults might, as well! No doubt this book will inspire a few older kids to experiment in the kitchen, too.

VIDEOS

THE HEMP REVOLUTION

Produced & directed by Anthony Clarke for Conscious Light Productions/Video Vision Productions (1995), Central Tilba, NSW, Australia

Price: AUD\$45.00; AUD\$50.00 p&h to NZ; AUD\$55.00 to UK (72mins PAL VHS) Available: **Australia**—NEXUS Magazine, PO Box 30, Mapleton, Qld 4560, ph +61 (07) 5442 9280, fax (07) 5442 9381.

This is not a video justifying the use of hemp as a drug: it is an excellent documentary on the use of non-intoxicating hemp for industrial and commercial uses.

Did you know that hemp fibre makes better paper and can produce more paper fibre per acre than trees, and that the use of hemp through the ages came to a grinding halt when the oil companies corrupted their way to global power?

Be warned: if hemp makes a comeback, the cotton industry, timber industry and the oil/coal/gas industry, to name a few, would be out of business and our environmental problems would be reduced enormously!

This is an excellent and eye-opening video that EVERYONE should be made to watch!

MEDICAL MIRACLES: New Advances in the Treatment of Incurable Diseases

Lecture by Dr Sam Chachoua

Produced by Genesis Productions (1995), Western Australia

Price: AUD\$60.00 inc. p&h in Aust. (o/s orders, phone for quote) (76mins PAL VHS) Available: **Australia**—Jeunesse, PO Box 264, Ashburton, Vic. 3147, ph (03) 9417 0272, or see ad on page 30.

Wow! What simple but valuable observations this medical doctor has used to come up with a revolutionary treatment of incurable diseases such as cancer, AIDS, arthritis, MS, etc. His therapy is called "Induced Remission Therapy".

Dr Sam Chachoua's techniques have developed from three initial observations: a) that some organs in the body are cancer-resistant; b) that some organisms such as the horse and shark are resistant to cancer; c) spontaneous remission, which is associated with an infection involving extremely high temperatures for a few days, after which the cancer is completely gone.

His research has uncovered that specific infections will completely digest specific cancers. For example, measles and mumps infections will cause long-lasting remission from leukaemia.

Dr Chachoua has an impressive and growing list of people claiming complete remission from degenerative diseases like cancer. Look for an article in NEXUS on him soon!

REVIEWS



AUDIO

WETLAND

by Shaun Rigney

Composed, performed & produced by Shaun Rigney for Terra Australia Records (1995), Neutral Bay, NSW, Australia
Price: AUD\$28.95 (CD only) (59mins)
Available: **Australia**—Dist. by Movieplay Australia P/L, PO Box 575, Brookvale, NSW 2100, ph (02) 905 0199, fax (02) 905 6372.

The Music in Harmony with Nature series of local talent released under the name "Terra Australia" is a beautifully conceived and designed collection of ambient theme music. Shaun Rigney composed, performed and produced this piece, recreating the atmospheric sounds of Australia's wetland environment.

This quiet mood soundscape, combining the calls of over 30 species of frog with water sounds, offers a relaxing experience of the life of Australia's wetlands. Excellent ambience with colourfully presented CD package. Recommended.

BLOODWOOD: THE ART OF THE DIDJERIDU

by Alan Dargin with Michael Atherton

Produced by Natural Symphonies (1991), Camden, NSW, Australia
Price: AUD\$20.00 (cass.), AUD\$28.00 (CD) + AUD\$7.00 o/s airmail (47mins)
Available: **Australia**—Veritas Press, GPO Box 1653, Bundaberg, Qld 4670.

The name of the album comes from the type of timber used for the didjeridu played by Alan Dargin. The principal didjeridu heard here is 100 years old and was given to Alan when he was five. The bloodwood is a species of eucalypt, so-called because the sap of the tree, when cut, appears to 'bleed' a red colour like blood. The 'didj' is made from natural hollowed logs or branches that are cleaned and painted with traditional designs.

Michael Atherton and Alan Dargin have produced an album that is a classic in the presentation of the Aboriginal didjeridu. An ancient sound to immerse yourself in deeply to appreciate thoroughly.

WHERE THERE IS LIFE

by Luciano

Produced by Phillip "Fattis" Burrell for Xterminator Records (1995), Island Jamaica
Price: AUD\$19.95 (cass.), AUD\$29.95 (CD); USD\$9.98 (cass.), USD\$15.98 (CD) (49mins)

Available: **Australia**—Distributed by Island/Mercury, Millers Point, NSW, ph (02) 207 0500; **USA**—Dist. by Island Records/PolyGram, New York, ph (212) 603 3947.

If you remember the good times of reggae with artists like Bob Marley and Dennis McGregor when reggae was sweet and Jamaican, then Luciano will appeal to you. He's one of a new stream of native Jamaican talent producing great new reggae.

Where There Is Life is his third album, covering a range of reggae styles from the good old hard-core to love-rock songs and international ballads with a vision of a new world plus some African sounds.

Altogether, a fresh talent moved by the need to spread musical love in the world in that great Jamaican tradition. Recommended listening.

MUSIC OF THE ANGELS

by Gerald Jay Markoe

Composed & produced by Gerald Markoe for Astromusic (1994), New York, USA
Price: AUD\$29.95 (CD only); USD\$9.98 (cass.), USD\$15.98 (CD) (47mins)
Available: **Australia**—New Age Media, PO Box 789, Fremantle, WA 6160, ph (09) 430 7777; **USA**—Audio Alternatives, PO Box 405, Chappaqua, NY 10514, ph (914) 238 5943.

Gerald Markoe has made a reputation for beautiful music with his "Music from the Pleiades" series. Here he has captured the energy of the angelic realms surrounding us.

Using harps, strings, bells, wind instruments and angelic choirs he has developed a sound that transports you on the wings of clouds of angels with a protective, supportive musical experience. Recommended.

BEGGARS AND SAINTS

by Jai Uttal & the Pagan Love Orchestra

Produced by Jai Uttal for Triloka Records/Wordly Music (1994), Santa Fe, NM, USA

Price: AUD\$29.95 (CD only); USD\$9.98 (cass.), USD\$14.98 (CD) (67mins)

Available: **Australia**—Dist. by Larrikin Entertainment, PO Box 501, Mascot, NSW 2020, ph (02) 700 9199; **USA**—Dist. by Triloka, 306 Catron, Santa Fe, NM 87501, ph (505) 820 2833, fax (505) 820 2834.

Western and Indian music have not often been joined together in a fusion-rock style. Most of us are used to the likes of Ravi Shankar or Ali Akbar Khan playing their rich music traditionally. It comes as a wonderful treat to hear Western and Eastern blended by Jai Uttal on his third release, *Beggars and Saints*.

This album is inspired by the Bauls of Bengal, street musicians who live to sing, feeling that God does not reside in the temples of the land but in the hearts and voices of the people in the streets. Accordingly, they wander India giving impromptu voice to their devotion. Jai, inspired by time in India



REVIEWS

AUDIO

with the Bauls, has combined their sounds and modern dance-style music to create the emotion of India's streets. A feast for the ears!

LOVESONG

by **Tony O'Connor**

Composed, performed and produced by Tony O'Connor for Studio Horizon (1995), Nambour, Qld, Australia

Price: AUD\$18.95 (cass.), AUD\$25.95 (CD); STG£n/a (CD) (57mins)

Available: **Australia**—Dist. by Steve Parish Publishing P/L, PO Box 2160, Fortitude Valley, Qld 4006, ph +61 (07) 3257 3257, fax (07) 3257 3311; **UK**—Crystal Clear, 29 The Drapery, Nth Hampton, Hampshire, NN1 2EU, ph (1605) 60 4499.

Tony O'Connor is one of the great success stories of Australian ambient/relaxation music with a string of gold and platinum albums behind him. His new release, *Lovesong*, is going to be another favourite for fans and those who will hear him for the first time. It's a rich tapestry of acoustic guitar, cello, alto and base flute with grand piano and keyboards.

This is a personal recording of the yearning and tenderness of love that will fill the rooms of all who play it with Tony's special heartfelt sounds. Recommended listening.



A HEALING AND REPLENISHMENT OF THE HEART, THE HEAVENS AND THE EARTH

by **The Galactic Troubleshooter**

Produced by The Galactic Troubleshooter (1995), Sydney, Australia

Price: AUD\$15.00 (cass.) inc. p&h in Aust.; AUD\$18.00 airmail to NZ; AUD\$19.00 airmail to UK, USA (60mins)

Available: **Australia**—The Galactic Troubleshooter, PO Box A679, Sydney South, NSW 2000.

Do you wonder how you can stop nuclear bomb tests at Mururoa and start loving the French again? Well, the *Healing and Replenishment...* tape can help you do just

that. Utilising a combination of colour, visualisation, grounding to the centre of planet Earth, and the physical body as a mixing chamber for Heaven and Earth energies, it can assist individuals or groups to focus their intent in co-creating our collective future in a very uplifting and positive manner.

The Galactic Troubleshooter has an extensive background, spanning nearly a decade, of working around the Pacific Rim on social change issues including care for the environment, nuclear proliferation and the rights of all beings. Recommended for gently righting some wrongs on the planet.

MERMAIDS IN THE WELL

by **Kavisha Mazzella**

Produced by Mermaid Productions (1995), North Perth, WA, Australia

Price: AUD\$27.95 (CD only) (53mins)

Available: **Australia**—Distributed by Larrikin, PO Box 501, Mascot, NSW 2020, ph +61 (02) 700 9199, fax (02) 700 9155.

I first heard Kavisha Mazzella at the Maleny Folk Festival several years ago with that nutty, talented band, Rich 'n' Famous. Her exquisite, sweet voice rose above the dominant male sounds of the group in many a number.

Mermaids in the Well gives range to the powerful talent her deep-woman sound expresses through a variety of compositions. Some that really impress are: "Invisible, Indivisible" with the unspeakable ache of the heart; "Clouds of Glory"—we are angels; the traditional "She Moved Through the Fayre"; and "Vulumbrella", a 14th-century Italian love/lust song. Highly recommended, luscious Australian talent.

VIDA PARA VIDA

by **Oliver Serano-Alve**

Produced by Sattva Music (1992), Schliersee, Germany

Price: AUD\$18.95 (cass.), AUD\$28.95 (CD) (54mins)

Available: **Australia**—Dist. by New World Productions, PO Box 244, Red Hill, Qld 4059, ph (07) 367 0788, fax (07) 367 2441; **UK/Europe**—Dist. by Sattva Music, PO Box 200.308, D-83724 Schliersee, Germany, ph +49 (08028) 90680, fax (08028) 9068-10.

A collection of world-music-inspired pieces from Oliver Serano-Alve, featuring a huge range of instruments from around the planet—Chinese violin, viola, gu-cheng, Spanish guitar, darbuka, flute, keyboards, cello, percussion and more. Tracks are inspired by several cultures from Latin to European to Chinese.

An exciting collection of global music full of life and energy. Recommended.

Continued from page 14

• **United States of America:** George W. Ball—Former Under-Secretary of State.

William P. Bundy—Former Editor, *Foreign Affairs*.

David Rockefeller—Chairman, Chase Manhattan Bank International Advisory Committee.

CONFERENCES, 1954-1992

- 29-31 May 1954: Oosterbeek, Netherlands.
- 18-20 March 1955: Barbizon, France.
- 23-25 September 1955: Garmisch-Partenkirchen, West Germany.
- 11-13 May 1956: Fredensborg, Denmark.
- 15-17 February 1957: St Simons Island, Georgia, USA.
- 4-6 October 1957: Fiuggi, Italy.
- 13-15 September 1958: Buxton, England.
- 18-20 September 1959: Yesilköy, Turkey.
- 28-29 May 1960: Bürgenstock, Switzerland.
- 21-23 April 1961: St Castin, Canada.
- 18-20 May 1962: Saltsjöbaden, Sweden.
- 29-31 May 1963: Cannes, France.
- 20-22 March 1964: Williamsburg,

Virginia, USA.

- 2-4 April 1965: Villa d'Este, Italy.
- 25-27 March 1966: Wiesbaden, West Germany.
- 31 March - 2 April 1967: Cambridge, England.
- 26-28 April 1968: Mont Tremblant, Canada.
- 9-11 May 1969: Marienlyst, Denmark.
- 17-19 April 1970: Bad Ragaz, Switzerland.
- 23-25 April 1971: Woodstock, Vermont, USA.
- 21-23 April 1972: Knokke, Belgium.
- 11-13 May 1973: Saltsjöbaden, Sweden.
- 19-21 April 1974: Megève, France.
- 25-27 April 1975: Çesme, Turkey.
- 1976: No conference was held.
- 22-24 April 1977: Torquay, England.
- 21-23 April 1978: Princeton, New Jersey, USA.
- 27-29 April 1979: Baden, Austria.
- 18-20 April 1980: Aachen, West Germany.
- 15-17 May 1981: Bürgenstock, Switzerland.
- 14-16 May 1982: Sandefjord, Norway.
- 13-15 May 1983: Montebello, Canada.
- 11-13 May 1984: Saltsjöbaden, Sweden.

- 10-12 May 1985: Rye Brook, New York, USA.
- 25-27 April 1986: Gleneagles, Scotland.
- 24-26 April 1987: Villa d'Este, Italy.
- 3-5 June 1988: Telfs-Buchen, Austria.
- 12-14 May 1989: La Toja, Spain.
- 11-13 May 1990: Glen Cove, New York, USA.
- 6-9 June 1991: Baden-Baden, Germany.
- 21-24 May 1992: Evian-les-Bains, France.

Though the entire topics of the Bilderberg meetings since its establishment are known to me, listing these topics would occupy several pages, which is not within the scope of this writing. However, I should perhaps include herewith the topics of the first meeting (1954) and the 1992 meeting which, in themselves, provide an insight into the evolution of this group.

• 29-31 May 1954: Oosterbeek, the Netherlands

A. The attitude towards communism and the Soviet Union.

B. The attitude towards dependent areas

Continued on page 82

Continued from page 81

and people overseas.

C. The attitude towards economic policies and problems.

D. The attitude towards European integration and the European Defence Community.

• 21-24 May 1992: Evian-les-Bains, France

A. Prospects for the former Soviet republics.

B. What should be done for Eastern Europe?

C. Whither the United States?

D. The world economy.

E. Whither Europe?

F. Soviet Union: the view from Moscow.

G. The migration issue.

H. The evolving west/west relationship.

Footnotes:

1. The issue concerning the history and the activities of the Trilateral Commission is a separate one to be dealt with in another paper.

2. The Council on Foreign Relations (CFR) requires separate attention which I would discuss in another paper. However, I should add that the CFR does not

accept non-US members.

3. Pasymowski, Eugene and Carl Gilbert, *Bilderberg: The Cold War Internationale*, 1971.

4. Charles E. Wilson, addressing the National Association of Manufacturers in 1946.

5. Extract from a Bilderberg document, given to the author, prior to its official publication, by one of the members of the Bilderberg Group. Later on, an official format was also provided to the author by another member, which proved the authenticity of the record in point.

6. Hatch, Alden, *H. R. H. Bernhard, Prince of the Netherlands*, 1962.

7. "Our Good Conference Guide", *The Economist*, December 1987.

8. The issue concerning the Ditchley Foundation requires a separate paper. For many years I have been studying this Foundation and have had the opportunity of discussing its achievements, goals and missions with several of its members and invited participants.

9. Op. cit., 7.

10. *Bilderberg Meetings, 1989*, p. 1 (Bilderberg record).

11. Op. cit. 5, p. 1.

12. Letter from Paddy Ashdown, Leader of the Liberal Party, dated 3 January 1990, to the author.

13. Former Prime Minister Lord Callaghan's letter of 19 October 1989, to the author. Former Prime Minister Sir Edward Heath's letter of 1 November 1989, to the author. Letter of 30 October 1989 from St James's Palace, to the author. Prince Charles participated in the 1986 Bilderberg annual meeting held in Scotland.

**YOU CAN CONVERT TO
UNLEADED AND BE
ENVIRONMENTALLY
FRIENDLY**

**The Original
BROQUET FUEL CATALYST**

(Often copied,
never improved upon)

**ENABLES YOU TO CONVERT
SAFELY AND ECONOMICALLY
FROM SUPER TO UNLEADED**

for as little as

\$198.00

(Dependent upon engine capacity)
It will also cut fuel costs and reduce
other noxious exhaust emissions.

(Corroborated by DTI.WSL.ETC.)

HOW!

FREECALL 1 800 800 710

and find out now!

Trade enquiries welcome

Continued from page 22

rial, but perhaps it could also be studied with HAARP-type skybusters in mind:

For example, while changes in the Earth's electric field resulting from a solar flare modulating conductivity may have only a barely detectable effect on meteorology, the situation may be different in regard to electric field changes caused by manmade ionisation...

Meteorology, of course, is the study of the atmosphere and weather. Ionisation is what happens when a higher level of power is zapped into atoms and knocks electrons off the atoms. The resulting charged particles are the stuff of HAARP. Paul Schaefer, commenting on HAARP-type technologies, says:

One look at the weather should tell us that we are on the wrong path.

Angels Don't Play This HAARP: Advances in Tesla Technology is about the military's plan to manipulate that which belongs to the world: the ionosphere. The arrogance of the United States Government in this is not without precedent. Atmospheric nuclear tests had similar goals. More recently, China and France

put their people's money to destructive use in underground nuclear tests. It was recently reported that the US Government spent US\$3 trillion on its nuclear program since its beginnings in the 1940s. What new breakthroughs in life science could have been made with all the money spent on death?

Begich, Manning and others believe that democracies need to be founded on openness rather than the secrecy which surrounds so much military science. Knowledge used in developing revolutionary weapons could be used for healing and helping mankind. Because they are used in new weapons, discoveries are classified and suppressed. When they do appear in the work of other independent scientists, the new ideas are often frustrated or ridiculed, while military research laboratories continue to build their new machines for the killing fields.

However, the book by Manning and Begich gives hope that the military-industrial-academic-bureaucratic Goliath can be affected by the combined power of determined individuals and the alternative press. Becoming informed is the first step to empowerment. ∞

The book, *Angels Don't Play This HAARP: Advances in Tesla Technology*, is available for USD\$14.95 plus postage and handling (USD\$1.50; USD\$4.00 international) from: Dr Nick Begich, Earthpulse Press, PO Box 201393, Anchorage, Alaska 99520, USA. It can also be ordered by Visa/MasterCard by phoning +1 (907) 249 9111.

Dr Nick Begich is an Anchorage, Alaska-based independent researcher/activist in the sciences and politics. In November 1994 he received his doctorate in traditional medicine from The Open International University for Complementary Medicines. He is a past-president of the Alaska Federation of Teachers and the Anchorage Council of Education.

Jeane Manning is an experienced magazine journalist, reporter and editor, residing in Vancouver, Canada. A decade of researching non-conventional energy technologies has culminated in her forthcoming book, *The Coming Energy Revolution* (Avery Publishing Group, NY, 1996). She contributed to the book, *Suppressed Inventions and Other Discoveries*, published in 1994 by the Auckland Institute of Technology Press, New Zealand.

Begich and Manning are collaborating on the forthcoming book, *Towards a New Alchemy: The Incredible Inventions of Dr Patrick Flanagan*.

Continued from page 50

Dr Chiang was imprisoned for four years during the Cultural Revolution in China, and escaped into the USSR in 1971, where he took up his research in Khabarovsk. Dr Chiang applied for registration of his biomicrowave discovery in 1974, but it was not until 1989 that his hypothesis was finally recognised. He has established the Chiang Scientific Foundation and the Chiang Institute to continue his research.

Comment:

I have been acquainted with Dr Chiang Kanzhen and his work in biomicrowave communications for about 20 years.

My opinion is that Dr Chiang has developed a completely new scientific method.

In his experiments, Dr Chiang employs a special bio-microwave communications installation. I have witnessed some of his experiments. The influence of the bioelectromagnetic field of green wheat mass, via the bio-microwave communications device, on

germinated maize kernels causes maize cob heads to be replaced with something like ears of grain which look like both maize kernels and wheat grains. The maize also acquires numerous stems like those of wheat. The grain yield in the experimental plant group was 30 per cent higher than in the control group.

In 1991, Dr Chiang gave me a chance to test barley seeds that had been exposed to the bio-microwaves of wheat. The seeds produced a more resilient crop with larger ears and heavier grains as compared to the control. The yield increased by 30 per cent!

My experiments in 1992 proved that these changes were transmitted to subsequent generations.

I consider that Chiang Kanzhen's method can be effectively applied in agriculture and suggest that a special laboratory be set up for deeper and more detailed studies of his theory and method.

Acad. Grigory Kazmin
Director, Far Eastern Agricultural
Research Institute, Khabarovsk
29 April 1993

AURA-Z JOURNAL

An illustrated quarterly journal that embodies exclusive articles by prominent Russian scientists devoted to:
**UFOs, Paranormal Phenomena,
Alternative & Modern Medicine,
Frontier Science**

Published in Russian, English,
French and Spanish

**AURA-Z Research Centre
PO Box 224, Moscow, 117463
Russia**

Phone: +7 (0)95 925 7679
Fax: +7 (0)95 422 0960

Subscriptions:

1 year (4 issues)

Europe: USD\$33.00

Other Countries: USD\$36.00

3 years (12 issues)

Europe: USD\$80.00

Other Countries: USD\$90.00

All Major Credit Cards Accepted